



## MUNICIPALITY OF MORRIS-TURNBERRY

### COUNCIL AGENDA

Tuesday, April 2<sup>nd</sup>, 2024, 7:30 pm

The Council of the Municipality of Morris-Turnberry will meet in Council Chambers in regular session on the 2<sup>nd</sup> day of April 2024, at 7:30 pm.

#### 1.0 **CALL TO ORDER**

Disclosure of recording equipment.

#### 2.0 **ADOPTION OF AGENDA**

*Moved by ~  
Seconded by ~*

*THAT the Council of the Municipality of Morris-Turnberry hereby adopts the agenda for the meeting of April 2<sup>nd</sup>, 2024, as circulated.*

~

#### 3.0 **DISCLOSURE OF PECUNIARY INTEREST / POTENTIAL CONFLICT OF INTEREST**

#### 4.0 **MINUTES**

*Moved by ~  
Seconded by ~*

*THAT the Council of the Municipality of Morris-Turnberry hereby adopts the March 19<sup>th</sup>, 2024, Council Meeting Minutes as amended.*

~

#### 5.0 **ACCOUNTS**

*Moved by ~  
Seconded by ~*

*THAT the Council of the Municipality of Morris-Turnberry hereby approves for payment the April 2<sup>nd</sup> accounts in the amount of \$ 275,009.15.*

~

#### 6.0 **PUBLIC MEETINGS AND DEPUTATIONS**

##### 6.1 MEETING TO CONSIDER ENGINEER'S REPORT – MCARTHUR MUNICIPAL DRAIN

##### 6.1.1 Engineer's Report

On November 21<sup>st</sup> 2023 Council appointed Headway Engineering Limited to prepare a report for the improvement of the McArthur Municipal Drain under section 78 of the *Drainage Act*.

Notice of the meeting to consider the engineer's report was issued to landowners on March 19<sup>th</sup>, 2024.

Project Coordinator Michel Terzian will present the Engineer's report to Council and those in attendance.

#### 6.1.2 Questions and Comments

- Council
- Landowners in attendance

#### 6.1.3 Consideration of Provisional By-Law

*Moved by ~  
Seconded by ~*

*THAT leave be given to introduce By-Law # 17-2024, being a by-law to provisionally adopt the engineer's report for the McArthur Municipal Drain 2024, and that it now be read a first and second time this 2<sup>nd</sup> day of April 2024.*

~

#### 6.1.4 Date of Court of Revision and instruction to Tender.

*Moved by ~  
Seconded by ~*

*THAT the Court of Revision for the McArthur Municipal Drain 2024 be set for May 7<sup>th</sup>, 2024 at 7:30 pm, and the project be tendered with results to be presented on June 4<sup>th</sup>, 2024, pending no appeals.*

~

#### 6.1.5 Appointment of Members to the Court of Revision

*Moved by ~  
Seconded by ~*

*THAT the members of the Court of Revision for the McArthur Municipal Drain 2024 shall be:*

- 1 –
- 2 –
- 3 –

~

## **7.0 STAFF REPORTS**

### 7.1 CLERK

#### 7.1.1 Community Safety and Well Being Oversight Committee – Campaign 2

A report has been prepared by Deputy Clerk Kim Johnston in this regard for the information of Council.

#### 7.1.2 WSIB Health and Safety Excellence Program Update

A report has been prepared by Deputy Clerk Kim Johnston in this regard for the information of Council.

### 7.2 PUBLIC WORKS

#### 7.2.1 Operations Report

A report has been prepared by Director of Public Works Mike Alcock to providing an update on Public Works activities for the information of Council.

### 7.3 BY- LAW ENFORCEMENT

#### 7.3.1 By-Law Enforcement Activities – January and February 2024

A report has been prepared by CBO/By-Law Enforcement Officer Kirk Livingston regarding by-law enforcement activities for January and February.

7.4 BUILDING

7.4.1 Building Department Activities – January and February 2024

A report has been prepared by CBO/By-Law Enforcement Officer Kirk Livingston regarding building department activities for January and February.

7.5 EMERGENCY MANAGEMENT

7.5.1 Military Training Exercise in Huron and Bruce Counties

A report has been prepared by CEMC Chad Kregar in this regard for the information of Council.

**8.0 BUSINESS**

8.1 2024 BUDGET

Treasurer Sean Brophy will present a final draft of the 2024 budget and corresponding by-law for the consideration of Council.

*Moved by ~  
Seconded by ~*

*THAT leave be given to introduce By-Law # 18-2024 being a by-law to adopt the budget and tax rates for the Municipality of Morris-Turnberry for the year 2024, and that it now be read severally a first, second, and third time, and finally passed this 2<sup>nd</sup> day of April 2024.*

~

8.2 2023 RESERVES

In anticipation of Council approving amounts to be transferred to reserves in the 2024 budget, by-law 18-2024 has been prepared to establish those reserve funds.

*Moved by ~  
Seconded by ~*

*THAT leave be given to introduce By-Law # 19-2024 being a by-law to confirm the year-end 2023 reserves and establish reserve funds for the year 2024, and that it now be read severally a first, second, and third time, and finally passed this 2<sup>nd</sup> day of April 2024.*

~

8.3 GRANT MUNICIPAL DRAIN TENDER AWARD

A report has been prepared by Headway Engineering Project Coordinator Adam Hall in this regard.

*Moved by ~  
Seconded by ~*

*THAT the Council of the Municipality of Morris-Turnberry hereby accepts the tender of Robinson Farm Drainage for the total amount of \$225,403.00 excluding HST for the construction of the Grant Municipal Drain.*

~

8.4 REQUEST FOR IMPROVEMENT – ARBUCKLE MUNICIPAL DRAIN

A report has been prepared by Drainage Superintendent Kirk Livingston in this regard.

*Moved by ~  
Seconded by ~*

*THAT the Council of the Municipality of Morris Turnberry hereby receives the Notice of Request for Drain Improvement for the*

*Arbuckle Municipal Drain, as described in the request submitted by John Haines under Section 78(1) of the Drainage Act;*

*AND FURTHER THAT Council supports proceeding with the drainage works and instructs the Clerk to send the notice required under Section 78(2) of the Drainage Act to the Maitland Valley Conservation Authority, the Ontario Ministry of Agriculture Food and Rural Affairs, and parties who requested the improvement under Section 78(1);*

*AND FURTHER THAT Headway Engineering Limited be appointed to prepare a report for the improvement of the Arbuckle Municipal Drain effective 30 days after the issuance of the notice to the prescribed parties.*

~

## 8.5 NWMO EDUCATION GRANT CONTINUATION

A report has been prepared by CAO/Clerk Trevor Hallam in this regard.

*Moved by ~  
Seconded by ~*

*THAT leave be given to introduce by-law 20-2024, being a by-law to execute a funding agreement between the Municipality of Morris-Turnberry and the Nuclear Waste Management Organization for the Early Investment in Education and Skills program, and that it now be read severally a first, second, and third time, and finally passed this 2<sup>nd</sup> day of April 2024.*

~

## 9.0 COUNCIL REPORTS

Kevin Freiburger

Jamie McCallum

Sharen Zinn

Jodi Snell

Jamie Heffer

## 10.0 CORRESPONDENCE, MINUTES, ITEMS FOR INFORMATION

- 10.1 Media Release – Fundraising Record – Perth Huron United Way
- 10.2 Resolution – Operational Budget Funding – Township of Amaranth
- 10.3 Resolution – Tile Drain Loan Amount – Township of Adelaide Metcalfe
- 10.4 Notice of Public Meeting – Comprehensive Zoning By-Law Review – South Bruce
- 10.5 Call for Committee Members – Northern Huron Community Committee – Perth Huron United Way
- 10.6 Minutes – Maitland Source Protection Authority – January 24, 2024
- 10.7 Minutes – MVCA Membership Board – January 24, 2024
- 10.8 Minutes – MVCA Membership Board – February 14, 2024
- 10.9 Minutes – Bluevale Community Committee – March 6, 2024
- 10.10 Minutes - Saugeen, Grey Sauble, Northern Bruce Peninsula Drinking Water Source Protection Committee, November 24, 2023
- 10.11 Board Meeting Highlights – AMDSB – March 26, 2024
- 10.12 Annual Summary – Belgrave Water
- 10.13 Summary Report – Safety and Natural Environment Studies – South Bruce Nuclear Exploration Project
- 10.14 Outstanding Action Items

## 11.0 NEW BUSINESS

None.

**12.0 BY-LAWS AND AGREEMENTS**

At the February 6<sup>th</sup> meeting of Council, first and second reading were given to the Grant Municipal Drain By-Law. The period for submitting appeals has now passed. Council may proceed to give 3<sup>rd</sup> reading to the By-law so construction can begin.

*Moved by ~  
Seconded by ~*

*THAT leave be given to introduce By-Law 9-2023, being a by-law to adopt the engineer's report and authorize construction for the Grant Municipal Drain 2024, and that it now be read a third time, and finally passed this 2<sup>nd</sup> day of April 2024.*

~

**13.0 CLOSED SESSION**

None.

**14.0 CONFIRMING BY-LAW**

*Moved by ~  
Seconded by ~*

*THAT leave be given to introduce By-Law 20-2024, being a by-law to confirm the proceedings of the Municipality of Morris-Turnberry meeting of Council held on April 2<sup>nd</sup>, 2024, and that it now be read severally a first, second, and third time, and finally passed this 2<sup>nd</sup> day of April 2024.*

~

**15.0 ADJOURNMENT**

*Moved by ~  
Seconded by ~*

*THAT the Council of the Municipality of Morris-Turnberry does now adjourn at \_\_\_\_ pm.*

~

**NEXT MEETINGS:**

Regular Meeting of Council – Tuesday, April 16<sup>th</sup>, 2024, 7:30 pm  
Regular Meeting of Council – Tuesday, May 7<sup>th</sup>, 2024, 7:30 pm



## MUNICIPALITY OF MORRIS-TURNBERRY

### COUNCIL MINUTES

Tuesday, March 19<sup>th</sup>, 2024, 7:30 pm

The Council of the Municipality of Morris-Turnberry will meet in Council Chambers in regular session on the 19<sup>th</sup> day of March 2024, at 7:30 pm.

#### **Council in Attendance**

Mayor Jamie Heffer  
Deputy Mayor Kevin Freiburger  
Councillor Sharen Zinn  
Councillor Jodi Snell  
Councillor Jamie McCallum

#### **Staff in Attendance**

Trevor Hallam                      CAO/Clerk

#### **Others in Attendance**

Matt Ash                              GM BluePlan Engineering  
Paul Robinson  
Jeff Lockridge  
Diane Campbell  
Doug Newell  
Doug Garniss  
Scott Stephenson                  The Citizen

#### **1.0 CALL TO ORDER**

Mayor Heffer called the meeting to order at 7:30 pm.

Mayor Heffer noted that Scott Stephenson would be recording the meeting for the purpose of writing articles.

#### **2.0 ADOPTION OF AGENDA**

*Motion 64-2024*

*Moved by Kevin Freiburger  
Seconded by Jamie McCallum*

*THAT the Council of the Municipality of Morris-Turnberry hereby adopts the agenda for the meeting of March 19<sup>th</sup>, 2024, as circulated.*

Carried.

#### **3.0 DISCLOSURE OF PECUNIARY INTEREST / POTENTIAL CONFLICT OF INTEREST**

None.

**4.0 MINUTES**

*Motion 65-2024*

*Moved by Sharen Zinn  
Seconded by Jodi Snell*

*THAT the Council of the Municipality of Morris-Turnberry hereby adopts the March 5<sup>th</sup>, 2024, Council Meeting Minutes as written.*

*Carried.*

**5.0 ACCOUNTS**

*Motion 66-2024*

*Moved by Jamie McCallum  
Seconded by Jodi Snell*

*THAT the Council of the Municipality of Morris-Turnberry hereby approves for payment the March 19<sup>th</sup> accounts in the amount of \$ 143,294.60.*

*Carried.*

**6.0 PUBLIC MEETINGS AND DEPUTATIONS**

**6.1 MEETING TO CONSIDER ENGINEER'S REPORT – CRUIKSHANK MUNICIPAL DRAIN**

**6.1.1 Engineer's Report**

On October 3<sup>rd</sup> 2023 Council appointed GM BluePlan Engineering Limited to prepare a report to vary the assessment for maintenance for the Cruikshank Municipal Drain on the recommendation of the staff.

Notice of the meeting to consider the engineer's report was issued to landowners on February 23<sup>rd</sup>, 2024.

Project Engineer Matt Ash presented the Engineer's report to Council and those in attendance.

**6.1.2 Questions and Comments**

- Council

Mayor Heffer thanked Mr. Ash for the report  
There were no other questions or comments from council.

- Landowners in attendance

Doug Garniss asked if there was any work planned for the near future on the drain. Mr. Hallam confirmed that there was no work planned, but that there was some beaver control work done on the drain late in 2023 that will be invoiced out using this schedule once approved.

**6.1.3 Consideration of Provisional By-Law**

*Motion 67-2024*

*Moved by Sharen Zinn  
Seconded by Kevin Freiburger*

*THAT leave be given to introduce By-Law # 14-2024, being a by-law to provisionally adopt the engineer's report for the Cruikshank Municipal Drain 2024, and that it now be read a first and second time this 19<sup>th</sup> day of March 2024.*

*Carried.*

6.1.4 Date of Court of Revision.

*Motion 68-2024*

*Moved by Kevin Freiburger  
Seconded by Jodi Snell*

*THAT the Court of Revision for the Cruikshank Municipal Drain  
2024 be set for April 16<sup>th</sup>, 2024 at 7:30 pm.*

*Carried.*

6.1.5 Appointment of Members to the Court of Revision

*Motion 69-2024*

*Moved by Kevin Freiburger  
Seconded by Sharen Zinn*

*THAT the members of the Court of Revision for the Cruikshank  
Municipal Drain 2024 shall be:*

- 1 – Councillor Snell*
- 2 – Councillor McCallum*
- 3 – Mayor Heffer*

*Carried.*

Matt Ash, Paul Robinson, Jeff Lockridge, Diane Campbell, and Doug Newell left the meeting.

**7.0 STAFF REPORTS**

7.1 TREASURER

7.1.1 2023 Council and Board Remuneration

A report prepared by Treasurer Sean Brophy in this regard was presented by Mr. Hallam for the information of Council.

**8.0 BUSINESS**

None.

**9.0 COUNCIL REPORTS**

Kevin Freiburger

Attended a meeting of the Bluevale Community Committee.

Jamie McCallum

No report

Sharen Zinn

Attended a meeting of the Community Safety and Wellbeing Committee.

Jodi Snell

Attended meetings of the Wingham and Listowel Physician Recruitment Committee and the Coalition for Huron Injury Prevention.

Jamie Heffer

No report



**10.0 CORRESPONDENCE, MINUTES, ITEMS FOR INFORMATION**

- 10.1 Media Release – Warden receives leadership award – Huron County
- 10.2 Correspondence – Response to Letter re Braemar License – Ministry of Long Term Care
- 10.3 Minutes – Belmore Arena Board – January 15, 2024
- 10.4 Monthly Report – Belgrave Water – February 2024
- 10.5 Outstanding Action Items

Councillor McCallum made note of the correspondence from the Ministry of Long-Care.

**11.0 NEW BUSINESS**

None.

**12.0 BY-LAWS AND AGREEMENTS****12.1 BOUNDARY ROAD AGREEMENT – TOWNSHIP OF NORTH HURON**

At the March 5<sup>th</sup> meeting, Council directed staff to return a by-law to authorize the execution of an agreement between the Municipality of Morris-Turnberry and the Township of North Huron for the maintenance of boundary roads. By-law 15-2024 was provided for consideration.

*Motion 70-2024*

*Moved by Jamie McCallum  
Seconded by Jodi Snell*

*THAT leave be given to introduce By-Law 15-2024, being a by-law to authorize the execution of an agreement between the Municipality of Morris-Turnberry and the Township of North Huron for the maintenance of boundary roads, and that it now be read severally a first, second, and third time, and finally passed this 19<sup>th</sup> day of March 2024.*

*Carried.*

**13.0 CLOSED SESSION**

None.

**14.0 CONFIRMING BY-LAW**

*Motion 71-2024*

*Moved by Sharen Zinn  
Seconded by Jamie McCallum*

*THAT leave be given to introduce By-Law 16-2024, being a by-law to confirm the proceedings of the Municipality of Morris-Turnberry meeting of Council held on March 19<sup>th</sup>, 2024, and that it now be read severally a first, second, and third time, and finally passed this 19<sup>th</sup> day of March 2024.*

*Carried.*

**15.0 ADJOURNMENT**

*Motion 72-2024*

*Moved by Sharen Zinn  
Seconded by Kevin Freiburger*

*THAT the Council of the Municipality of Morris-Turnberry does now adjourn at 7:48 pm.*

*Carried.*

NEXT MEETINGS:

Regular Meeting of Council – Tuesday, April 2<sup>nd</sup>, 2024, 7:30 pm  
Regular Meeting of Council – Tuesday, April 16<sup>th</sup>, 2024, 7:30 pm

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Mayor, Jamie Heffer

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Clerk, Trevor Hallam

**Municipality of Morris-Turnberry  
Account List for**

April 2 2024

**General**

Bell Canada	Morris Office	463.99
Bell Mobility	Cell Phones	25.07
Orkin Canada	Pest Control	115.27
Huron Clean	Office Cleaning	391.84
Cobide Engineering Inc.	Site Plan Correction - Engineering	3,819.40
Public Services Health & Safety Assoc	Excellence Program Registration	904.00
Treasurer, County of Huron	Information Sessions - EDI & Accessibility	480.82
AMDSB Achievement Awards Trust	Commencement Awards	750.00
Maitland Valley Conservation	2024 Conservation Levy	105,407.00
Minister of Finance	Policing - February	39,863.00
WSIB	WSIB - March	1,289.42
Minister of Finance	EHT - March	852.96

**Payroll**

March 27 2024	Payroll	23,362.49
	Expenses	155.96

**General Total** 177,881.22

**Building Department**

Bell Mobility	Cell Phone	115.47
Canadian Farm Builders Association	2024 Annual Conference Registration	237.30
WSIB	WSIB - March	283.33
Minister of Finance	EHT - March	170.00

**Payroll**

March 27 2024	Payroll	5,199.89
	Expenses	48.24

**Building Total** 6,054.23

**Property Standards**

Keppelcreek	Property Standards - February	1,580.12
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**Property Standards Total** 1,580.12

**Drainage**

Hydro One	Hopper Pump	187.24
Maitland Conservation	McArthur Municipal Drain	395.00
Headway Engineering	McArthur Municipal Drain	31,279.64
GM BluePlan Engineering	Cruikshank Municipal Drain	1,113.05

**Drainage Total** 32,974.93

**Parks & Cemeteries**

**Parks & Cemeteries Total** -

**Belgrave Water**

Rogers	Belgrave Water	90.39
Veolia Water	February Operations	7,413.28

**Water Total** 7,503.67

**Landfill**

Bell Mobility	Cell Phone	8.91
John McKercher Construction Ltd	Morris Landfill	1,130.00

**Landfill Total** 1,138.91

**Roads**

Bell Canada	Morris Shop	232.00
Bell Mobility	Cell Phones	218.38
Enbridge	Turnberry Shop	482.67
HuronTel	Turnberry Shop Internet	66.56
A&M Truck Parts	Shop Supplies	101.70
Chad Cook Electric	Shop Repairs	1,079.72
RJ Burnside & Associates	Belgrave Storm Sewer Master Plan	13,983.75
WSIB	WSIB - March	1,551.06
Minister of Finance	EHT - March	930.63

**Payroll**

March 27 2024	Payroll	29,229.60
	Expenses	-

***Roads Total***                      **47,876.07**

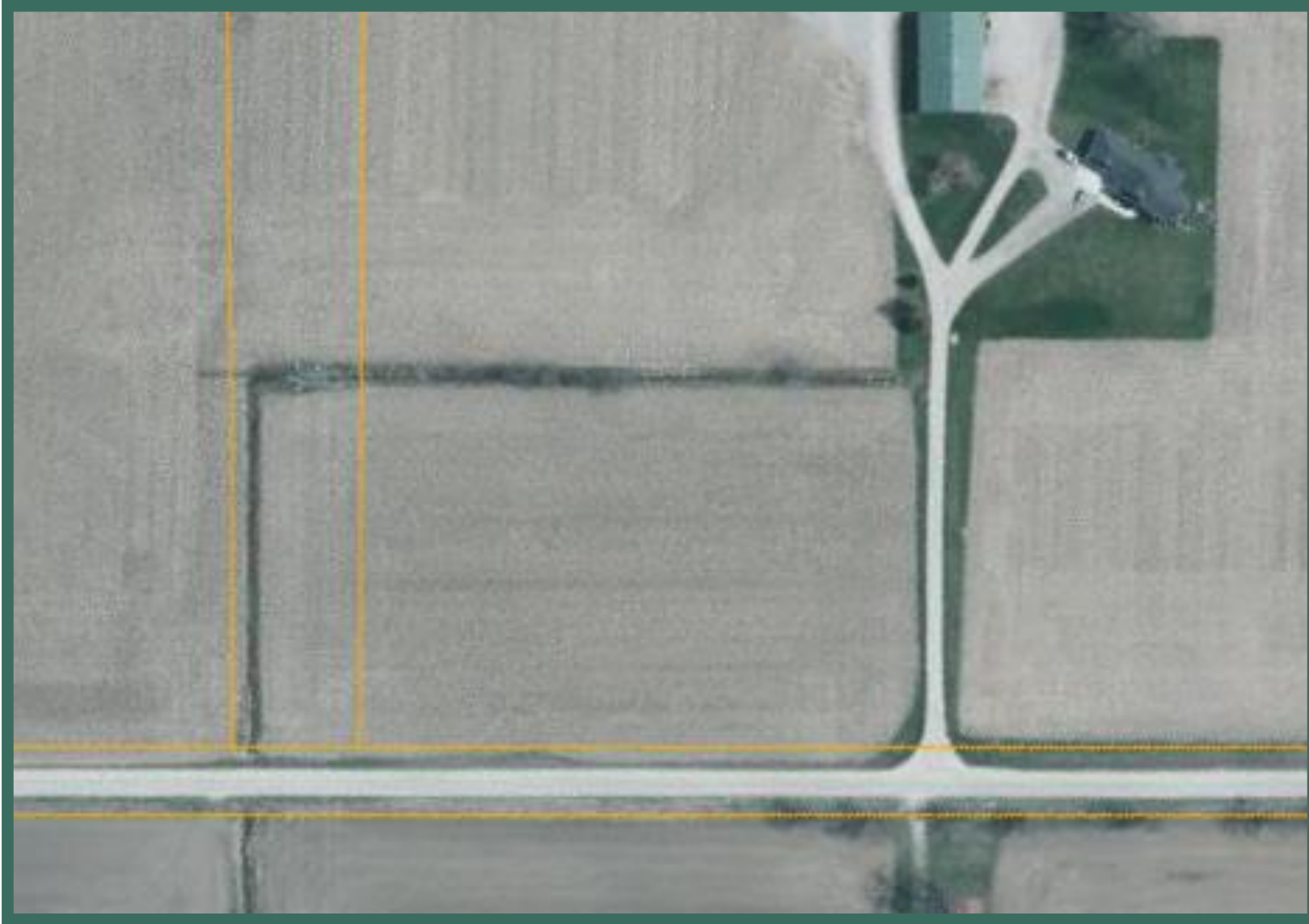
***Account Total*** **275,009.15**

**Approved By Council:**

April 2 2024

\_\_\_\_\_  
Mayor - Jamie Heffer

\_\_\_\_\_  
Treasurer- Sean Brophy



# McArthur Municipal Drain

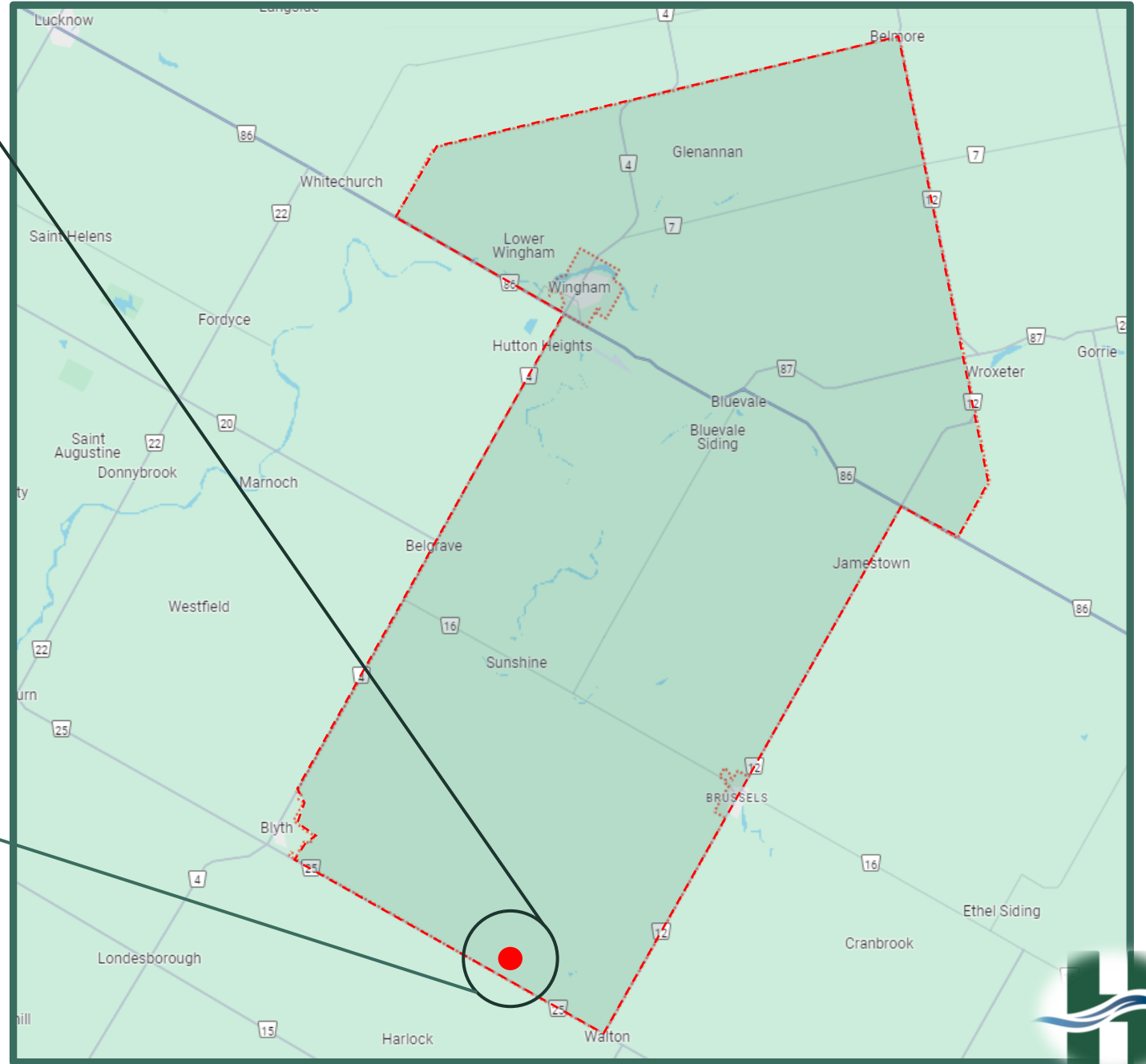
Consideration of Report

April 2, 2024

# Authority

- Headway Engineering was appointed under Section 78 of the Drainage Act at the November 21, 2023, Council Meeting, for improvements to the McArthur Drain
- The request for improvements include:  
*“Close in 306m of open ditch”*





# Project Location



# Public Engagements

Onsite Meeting / Information Meeting  
February 1, 2024





# Findings & Recommendations

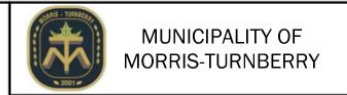
## Findings:

- Enclose approximately 300m of existing open ditch on Lot 22, Concession 9, and replace it with a new tile drainage system.
- The existing open ditch to be enclosed is part of the McArthur Municipal Drain open portion.
- The latest report on the McArthur Drain was completed by W. J. Dietrich, P.Eng. of W.E. Kelley & Associates, dated February 10, 2003.
- A Hydro One tower is located at Sta. 0+125 of the open ditch.
- The Department of Fisheries & Oceans have provided a Letter of Advice authorizing the enclosure.
- The watershed area is approximately 226 acres (91.5 ha).
  - Consists of Agricultural Lands, woodlots, roads

## Recommendations:

- A new tile drainage system be installed commencing at an outlet on the north side of Walton Road, proceeding upstream approximately 225 metres, on part of Lot 22, Concession 9.
- The new drainage system consists of 600mm dia. concrete tile and HDPE pipe.
- The existing open ditch north of Walton Road on the Huether Holdings Inc. & Hydro One Networks property be enclosed and abandoned under the Drainage Act.
- The new tile drainage system be designed using a 38mm (1.5") per 24 hours Drainage Coefficient design standard



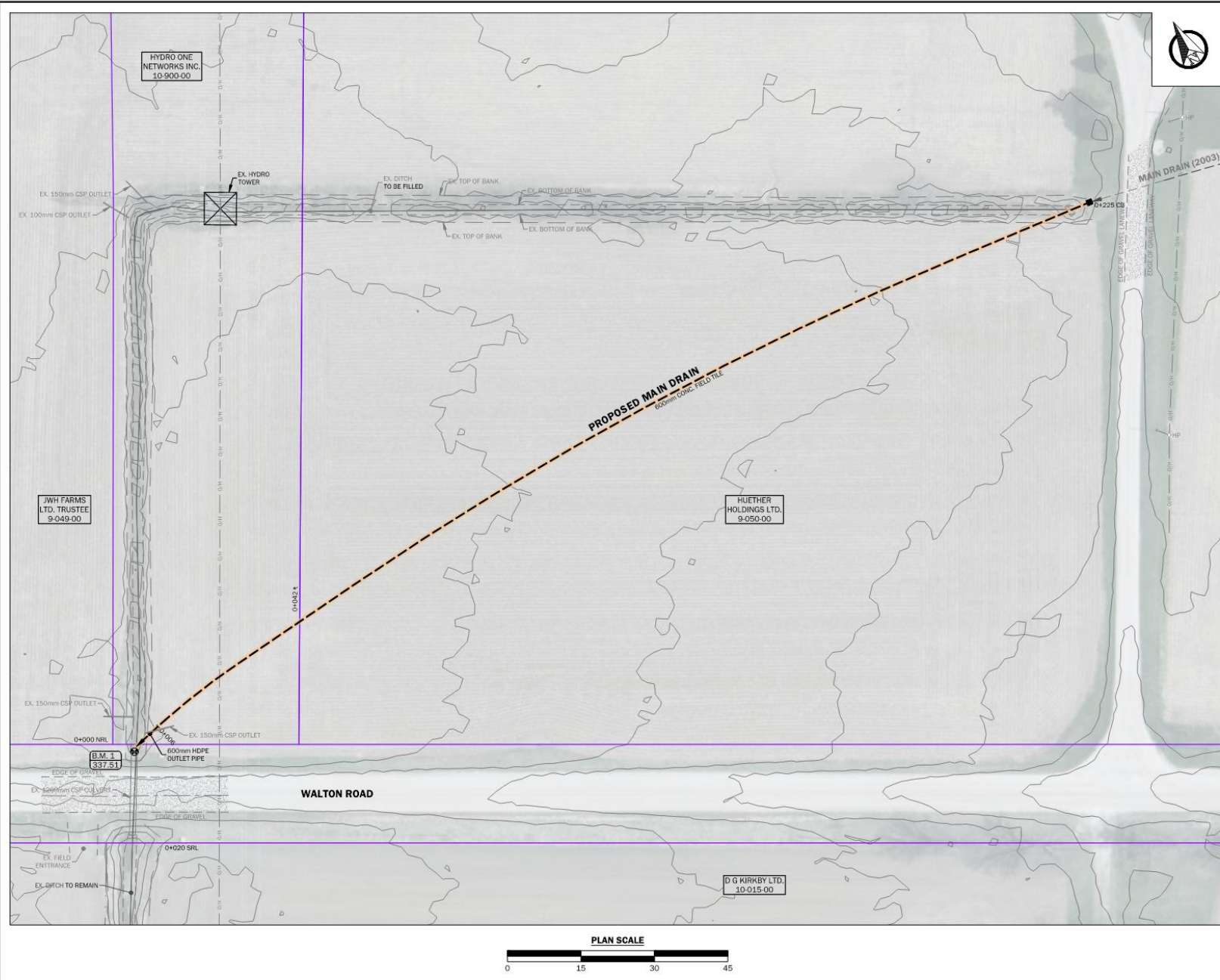


MUNICIPALITY OF MORRIS-TURNBERRY

MORRIS WARD

**McARTHUR MUNICIPAL DRAIN**

Work Area Plan



- NOTES:**
1. THIS MAP WAS CREATED USING COUNTY OF HURON GEOGRAPHIC INFORMATION SYSTEM DIGITAL DATA. THIS MAP IS A SECONDARY PRODUCT WHICH HAS NOT BEEN VERIFIED BY THE COUNTY OF HURON.
  2. THE CONTOURS WERE CREATED USING IMAGERY DERIVED DIGITAL DATA (2015) FROM LAND INFORMATION ONTARIO.
- BENCHMARK DESCRIPTIONS**
- BENCHMARK No. 1** **ELEV.#337.51**  
 TOP CENTRE UPSTREAM END OF 1200mmØ CSP ROAD CULVERT AT STA. 0+000

- LEGEND**
- LOT/CONCESSION LINE
  - PROPERTY LINE
  - MAJOR WATERSHED BOUNDARY
  - MINOR WATERSHED BOUNDARY
  - OVERHEAD HYDRO LINE
  - HYDRO POLE WITH GUY WIRE
  - BENCHMARK LOCATION
  - B.M. 1
  - 123.45
  - JOHN & JANE SMITH
  - 12-345
  - (12.3 Ha.)

- EXISTING FEATURES:**
- DRAIN NAME** OPEN DRAIN WITH CROSSING AND FLOW DIRECTION
  - DRAIN NAME** CLOSED DRAIN WITH CATCH BASIN, MANHOLE AND FLOW DIRECTION
  - OVERLAND FLOW PATH
- PROPOSED FEATURES:**
- DRAIN NAME** OPEN DRAIN WITH CROSSING AND FLOW DIRECTION
  - DRAIN NAME** CLOSED DRAIN WITH CATCH BASIN, MANHOLE AND FLOW DIRECTION

No.	REVISION	DATE (YY-MM-DD)
1	ONSITE MEETING	24-02-01

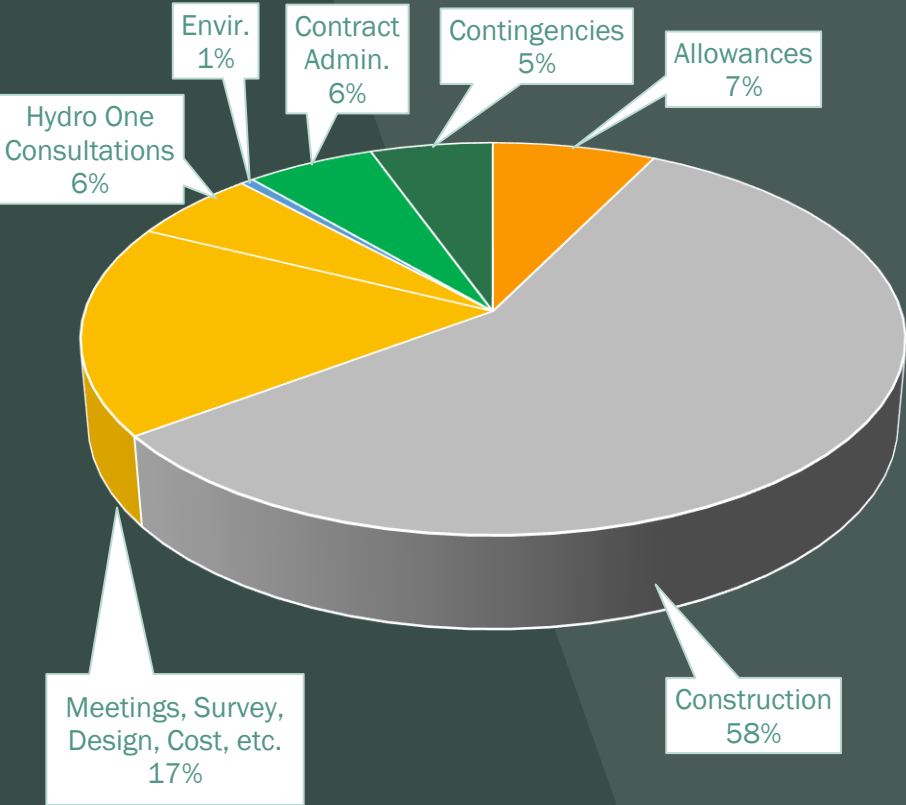





DRAWN BY: R.U.	DESIGNED BY: S.B.	CHECKED BY: S.B.
DATE: 2024-02-01	REFERENCE No. MT-004	DRAWING No. 2 OF 3

Design



# Estimated Project Costs



-  Allowances
-  Construction Costs (including Provisional items)
-  Meetings/Correspondence, Survey, Design, Cost Estimates, Reporting, etc., including Hydro One consultations, permit fee
-  Environmental Consultations/Approvals (DFO & MVCA)
-  Contract Documents, Administration, Supervision & Inspection
-  Contingencies, Interest & NET HST
-  **Total Estimated Costs: \$129,000**



# Assessment of Costs

## Schedule of Assessment for Construction McArthur Municipal Drain 2024

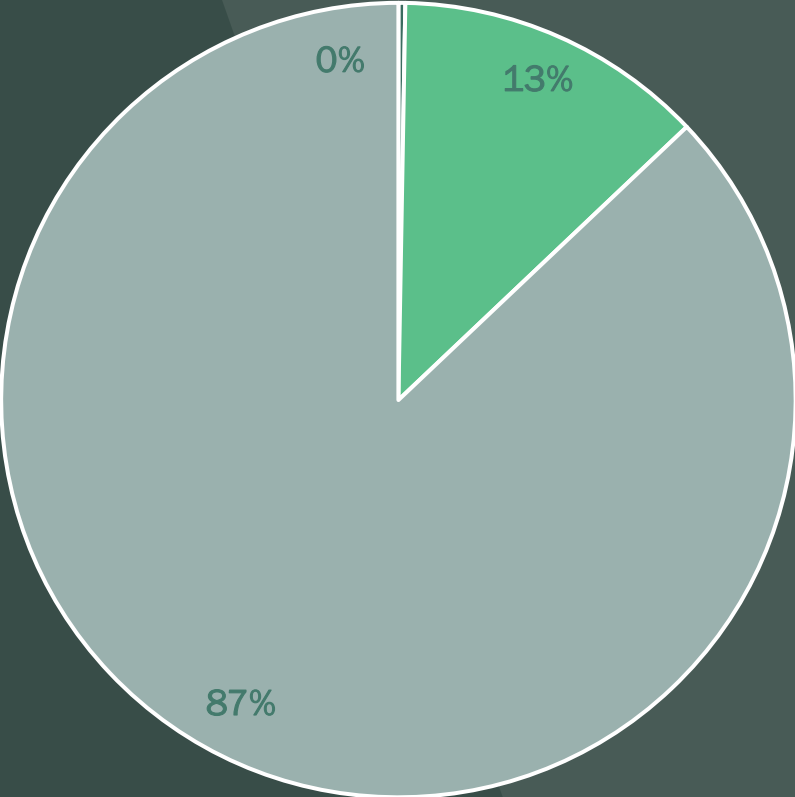
	Property Details			Drainage Act Instruments of Assessment				For Information				
	Part Lot	Concession	Landowner	Roll Number	Approx. Ha. Affected	Benefit (Sec. 22)	Outlet Liability (Sec. 23)	Special Benefit (Sec. 24)	Special Assessment (Sec. 26)	Total Assessment	Less Allowances	Net Estimated Expense
McArthur Municipal Drain	22	9	Hydro One Networks Inc.	10-900-00		\$ 3,494.00	\$ -		\$ 12,765.00	\$ 16,259.00	\$ 2,540.00	\$ 13,719.00
	22	9	Huether Holdings Ltd.	9-050-00	12.5	\$ 4,306.00	\$ 627.00	\$ 104,275.00		\$ 109,208.00	\$ 6,910.00	\$ 102,298.00
	23	9	David & Brenda Linton	9-051-00	28.8	\$ -	\$ 1,170.00			\$ 1,170.00	\$ -	\$ 1,170.00
	24	9	Huether Farms Inc.	9-052-00	28.5	\$ -	\$ 1,255.00			\$ 1,255.00	\$ -	\$ 1,255.00
	24	9	Kenneth Huether & Sarah Devereaux	9-052-05	0.6	\$ -	\$ 62.00			\$ 62.00	\$ -	\$ 62.00
	25	9	Ronald & Nicole Stevenson	9-053-00	10	\$ -	\$ 514.00			\$ 514.00	\$ -	\$ 514.00
	23	9	Fred & Heidi McClure	10-016-00	6.1	\$ -	\$ 131.00			\$ 131.00	\$ -	\$ 131.00
	24	10	Matthew & Julie Shortreed	10-017-00	3.6	\$ -	\$ 41.00			\$ 41.00	\$ -	\$ 41.00
	<b>Total Assessments on Lands</b>						<b>\$ 7,800.00</b>	<b>\$ 3,800.00</b>	<b>\$ 104,275.00</b>	<b>\$ 12,765.00</b>	<b>\$ 128,640.00</b>	<b>\$ 9,450.00</b>
Walton Road					Municipality of Morris-Turnberry	1.4	\$ -	\$ 360.00		\$ 360.00		\$ 360.00
<b>Total Assessments on Roads</b>						<b>\$ -</b>	<b>\$ 360.00</b>		<b>\$ -</b>	<b>\$ 360.00</b>		<b>\$ 360.00</b>
<b>Total Assessments</b>												
<b>McArthur Municipal Drain 2024</b>						<b>\$ 7,800.00</b>	<b>\$ 4,160.00</b>	<b>\$ 104,275.00</b>	<b>\$ 12,765.00</b>	<b>\$ 129,000.00</b>	<b>\$ 9,450.00</b>	<b>\$ 119,550.00</b>

Notes:

- 1 The Special Benefit Assessment (Sec. 24) is the increased estimated costs of enclosing the existing ditch and replacing it with a tile drainage system, less the Special Assessment under Section 26, and less the equivalent cost of two ditch cleanouts.
- 2 The Special Assessments (Sec. 26) shall be non-proratable assessments. All other assessments are proratable.
- 3 The Net Estimated Expense is the Total Assessment less allowances (if applicable).



# Assessment of Costs



Municipal Lands: \$360 (0.3%)



Private Non-Agricultural Lands: \$16,321 (12.6%)



Private Agricultural Lands: \$112,319 (87.1%)



Total Assessment

**McARTHUR MUNICIPAL DRAIN: \$129,000**



# Questions

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# McArthur Municipal Drain 2024

March 8, 2024

Prepared for:



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Kitchener, Ontario  
March 8, 2024

To the Mayor and Members of Council:

**Re: McArthur Municipal Drain  
Municipality of Morris-Turnberry  
Our Reference No. MT-004**

Headway Engineering is pleased to provide its report for the **McArthur Municipal Drain 2024** in the Municipality of Morris-Turnberry (Morris Ward).

The preparation of this report was authorized by a resolution of the Council of the Municipality of Morris-Turnberry on November 21, 2023, per Section 78 of the Drainage Act.

The primary objective of this report is to enclose the existing open ditch on the Huether Holdings Ltd. Property (Roll No. 9-050), and on the Hydro One Networks Inc. property (Roll No. 10-900), by means of the installation of a new tile drainage system, designed to today's standards of drainage.

A summary of the assessments for this project are as follows:

Municipal Lands	\$360
Privately Owned Non-Agricultural	\$16,321
Privately Owned Agricultural	\$112,319
<b>Total Estimated Assessments</b>	<b>\$129,000</b>

Yours truly,

Stephen Brickman, P.Eng.  
Project Engineer and Manager

Michel Terzian  
Project Coordinator  
**HEADWAY ENGINEERING**

SB/







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## SPECIFICATIONS FOR THE CONSTRUCTION OF MUNICIPAL DRAINAGE WORKS

## **1.0 INTRODUCTION AND LOCATION**

The Council of the Municipality of Morris-Turnberry has appointed Headway Engineering to investigate a request for drainage improvements, specifically to enclose a section of the existing McArthur Municipal Drain (Open) . The project services parts of Lots 22 to 25, Concession 9, and parts of Lots 23 and 24, Concession 10, in the Municipality of Morris-Turnberry, Morris Ward.

The drainage area comprises of approximately 91.5 hectares, and land uses within the watershed include agricultural, woodlots, roads, and some residential.

The attached Plans, Profiles and Details; Drawing Numbers 1 to 3, show and describe in detail the location and extent of the work to be completed and the lands which are affected.

## **2.0 PROJECT AUTHORIZATION**

Authority to prepare this report was obtained by a resolution of the Council of the Municipality of Morris-Turnberry at its November 21, 2023, meeting to appoint Headway Engineering to prepare an Engineer's Report under Section 78 of the Drainage Act.

## **3.0 DRAINAGE HISTORY**

### **3.1 McArthur Municipal Drain (1924)**

The McArthur Municipal Drain was originally constructed under the authority of a report prepared by John Roger, O.L.S., dated March 24, 1924. This report authorized the deepening and widening of approximately 2,500m of existing open ditch (Main Drain Open), the installation of approximately 1,200m of 150mm to 350mm diameter tile on the Main Drain (Closed), the installation of approximately 420m of 150mm to 250mm diameter tile for Branch 1, and 178m of 150mm diameter tile for Branch 2.

### **3.2 McArthur Municipal Drain (1965)**

The McArthur Municipal Drain report, prepared by James A. Howes, O.L.S., dated December 15, 1965, authorized the cleanout of approximately 3,670m of existing open ditch and the replacement of the culvert through the Canadian Pacific Railway crossing with a 600mm diameter corrugated steel pipe (CSP).

### **3.3 McArthur Municipal Drain (1986)**

A third report was prepared by David G. Johnson, P.Eng, dated August 14, 1986, authorizing the cleanout of the Main Drain (Open) from the Murray-Lamb Municipal Drain in Lot 34, Concession 14, in the Municipality of Huron East (McKillop Ward) upstream approximately 2,442m to the upper end of the drain in Lot 22, Concession 9, in the Municipality of Morris-Turnberry (Morris Ward).



### 3.4 McArthur Municipal Drain (2003)

The latest drainage report was prepared by W. J. Dietrich, P.Eng., dated February 10, 2003, authorizing the cleanout of approximately 327m of Main Drain (Open), beginning on Lot 22, Concession 9, and extending to the downstream end of the existing culvert through Walton Road. The report also called for the installation of approximately 837m of 300mm to 500mm diameter tile on Main Drain (Closed), replacing the existing culvert through Walton Road with a new 1200mm diameter corrugated metal pipe, installing approximately 495m of 200mm to 350mm diameter tile on Branch 1, and approximately 30m of 200mm diameter pipe road crossing on a new Branch 2, through Walton Road.

## 4.0 PUBLIC MEETINGS AND ENGAGEMENTS

### 4.1 On-Site Meeting

In accordance with Section 9(1) of the Drainage Act, an on-site meeting was held on February 1, 2024, at the Council Chambers of the Municipality of Morris-Turnberry Municipal Office (41342 Morris Road, Brussels). Persons in attendance were:

Stephen Brickman, P.Eng.	Headway Engineering
Michel Terzian	Headway Engineering
Kirk Livingston	Municipality of Morris-Turnberry, Drainage Superintendent
Trevor Hallam	Municipality of Morris-Turnberry, Clerk

Landowners included:

John Huether	Breanna Rozon (Hydro One)	Matey Matev (Hydro One)
Fred & Heidi McClure	Greg Gowan (Hydro One)	Paul Kirby

Prior to the on-site meeting, discussions with the landowner who made the request under Section 78 to initiate the project, provided information on what the landowner would specifically like to improve on the existing drainage system. As a result, some preliminary design work, associated cost estimates and proposed distributions of those costs were prepared ahead of the meeting, and presented to those who attended the On-site meeting.

The information provided at the meeting included preliminary details on the proposed enclosure of the existing open ditch and installation of a new tile drain system on part of Lot 22, Concession 9.

All meeting materials were posted to the Headway Engineering website following the meeting, and all parties invited to attend the meeting were provided with access instructions to the meeting materials.

## 5.0 FINDINGS

The following summarizes Headway Engineering’s findings based on the information collected during field investigations, surveys, public engagements, and review of documentation:

### 5.1 Watershed Condition (Hydrology):

- The watershed was established through the analysis of tile drainage maps, previous engineers’ reports for surrounding systems, field investigations, surveys, and data analysis



of the Southwestern Ontario Orthophotographic Project (SWOOP). The drainage area comprises of approximately 91.5 hectares.

- Land uses within the watershed are as follows:
  - Agricultural: 70.9 hectares (77.5%)
  - Woodlot: 18.6 hectares (20.3%)
  - Roads: 1.4 hectares (1.5%)
  - Residential: 0.6 hectares (0.7%)
- The Ontario Ministry of Agriculture, Food and Rural Affairs' Agricultural Information Atlas describes the soil types within the watershed and along the route of the drain as loam.

### 5.2 Existing Drainage System:

- The existing open ditch affected by the proposed enclosure, was last cleaned out under the authority of a report prepared by W. J. Dietrich, P.Eng., dated February 10, 2003.
- The existing Main Drain (Closed), Branch 1 and Branch 2, were constructed under the authority of a report prepared by W. J. Dietrich, P.Eng., dated February 10, 2003.
- According to the 2003 report, the design standard for the closed portions of the McArthur Municipal Drain (2003) is 25mm of rainfall per 24 hours drainage coefficient.
- The existing 1200mm diameter CSP culvert through Walton Road, installed under the authority of the 2003 drain report, is of sufficient size and depth to drain upstream lands at today's standard of drainage.

### 5.3 Outlet:

- The outlet for the proposed tile drainage system is into the McArthur Municipal Drain (Open), on the north side of Walton Road.
- The eventual outlet for the McArthur Municipal Drain (Open) is the Murray-Lamb Municipal Drain in Lot 34, Concession 14, in the Municipality of Huron East.

### 5.4 Other noted findings:

- Approximately 142m of the 299m of ditch to be enclosed is on the Hydro One Networks Inc. property (Roll No. 10-900-00).
- The hydro tower located at Sta. 0+125 is straddling the open drain with tower legs on both the north and south banks of the ditch.
- Historical aerial photography indicates that the open ditch in this location pre-dates the hydro tower.
- Hydro One has requested that the ditch enclosure below and around their tower be completed by their forces, and/or under their procurement.



### 5.5 Environmental Requirements:

- The Maitland Valley Conservation Authority (MVCA) has indicated that a permit to alter a watercourse is required.
- The Department of Fisheries and Oceans (DFO) has provided a Letter of Advice, dated June 19, 2023, authorizing the proposed enclosure of the existing open ditch upstream of Walton Road.

## 6.0 DESIGN CONSIDERATIONS

The proposed drainage system is sized using the Drainage Coefficient method contained in the OMAFRA Publication 29 - 'Drainage Guide for Ontario'. The Drainage Coefficient describes a depth of water to be conveyed by the drainage works per a 24-hour period and is expressed in millimeters per 24 hours. The drainage coefficient design standard used for the works proposed in this report is 38mm per 24-hour period. This design standard is sufficient in conveying flows from the existing upstream drainage system constructed under the authority of the 2003 report. The existing tile drainage system installed under the 2003 report, was designed using a 25mm per 24 hour drainage coefficient.

The existing open ditch configuration forms an 'L' shape containing a north-south and an east-west segment, while the proposed tile drain alignment shall consist of one segment from the north road limit of Walton Road, directly to the upstream end of the existing open ditch.

Pipe materials were selected based on location and intended land uses adjacent to the drainage system.

Surface water inlets have been placed purposefully to receive surface flow and allow for subsurface tile connections. Likewise, the elevation of the pipe system is designed to provide for subsurface tile connections at, and between surface water inlets.

## 7.0 ENVIRONMENTAL CONSIDERATIONS AND PERMITTING

### 7.1 Department of Fisheries and Oceans (DFO)

The work proposed under this report primarily consists of the enclosure of an existing open ditch and the new construction of a closed drainage system.

The affected portions of the existing open ditch are classified as 'Not Rated' according to the DFO's drain classification system.

A Request for Review application was submitted to the DFO on May 17, 2023 by Headway Engineering. The application proposed the enclosure of the open ditch with a more direct configuration of a proposed tile drainage system.

Upon DFO's completion of their review, DFO provided correspondence on June 19, 2023, in the form of a Letter of Advice indicating that authorization under the Fisheries Act was not required, provided that the project incorporates the mitigation measures noted in DFO correspondence.



## 7.2 Ministry of Natural Resources and Forestry (MNR)

Headway Engineering completed a review of the Natural Heritage Information Centre mapping for Species At Risk in Ontario. Provincial Species at Risk requiring special consideration were not identified in the working area.

## 7.3 Maitland Valley Conservation Authority (MVCA)

The MVCA has been included on the circulation list for this report and has been invited to all public engagements. Upon review of the design drawings, the MVCA forwarded correspondence dated February 23, 2024 that indicates that a permit to alter a watercourse is required.

A permit application was submitted on March 6, 2024.

## **8.0 RECOMMENDATIONS**

Headway Engineering recommends the following:

1. Approximately 299m of Main Drain (Open) on Lot 22, Concession 9, north of Walton Road, be enclosed.
2. A new municipal tile drainage system be installed from an outlet into the Main Drain (Open) from approximately the north road limit of Walton Road, upstream approximately 225m, through the Hydro One Networks Inc. property (Roll No. 10-900-00) and the Huether Holdings Ltd. Property (Roll No. 9-050-00), to where the existing Main Drain (Closed) enters Main Drain (Open), on Lot 22, Concession 9.
3. The tile drainage system consists of approximately 225m of 600mm diameter concrete tile and HDPE pipe.
4. No new construction through Walton Road is required, aside from the placement of rip-rap erosion protection within the road allowance.
5. No work is required on the existing Main Drain (Open) downstream of Walton Road.
6. The section of new tile drain through the Hydro One Networks Inc. property, approximately 42 metres in length, shall consist of high density polyethylene pipe (HDPE) per Hydro One's request.
7. The proposed tile drainage system shall be designed to convey flows from the watershed using a design standard of 38mm per 24-hour period Drainage Coefficient.
8. After the construction of the new tile drainage system, approximately 299 metres of the existing Main Drain (Open) on the Hydro One Networks Inc. property (Roll No. 10-900-00) and the Huether Holdings Ltd. property (Roll No. 9-050-00), on Lot 22, Concession 9, shall be abandoned under Section 19 of the Drainage Act.
9. This new tile drainage system shall be known as part of the **McArthur Municipal Drain 2024**.



## 9.0 SUMMARY OF PROPOSED WORKS

The proposed work consists of:

1. The installation of approximately 42m of 600mm diameter HDPE pipe through the Hydro One Networks Inc. property, and the installation of approximately 183m of 600mm diameter concrete field tile on the Huether Holdings Ltd. property.
2. The installation of a 1200mm x 2000mm concrete catch basin at Sta. 0+225.
3. Connect the existing tile drainage system installed under the 2003 McArthur Drain report and the existing 600mm diameter CSP culvert into the proposed catch basin at Sta. 0+225.
4. The enclosure of approximately 299m of Main Drain (Open) on Lot 9, Concession 22.

## 10.0 WORKING AREA AND ACCESS

Access to the working area shall be from Walton Road.

The working area for the installation of the tile drainage system shall be an average width of 25m for construction purposes and an average width of 10m for maintenance purposes along the alignment of the proposed closed drain.

The working area for the enclosure of Main Drain (Open) shall be an average width of 10m on the primary working side of the existing ditch, and an additional 5m on the opposite side.

## 11.0 SCHEDULES

Four schedules are attached and form part of this report.

### 11.1 Schedule A – Schedule of Allowances

In accordance with Sections 29 and 30 of the Drainage Act, allowances are provided to Landowners for Right-of-Way and Damages to Lands and Crops. Schedule A contains a table of the applicable allowances to Landowners.

### 11.2 Schedule B – Schedule of Estimated Construction Costs

An itemized cost estimate of the proposed construction work is included in detail in Schedule B.

### 11.3 Schedule C – Schedule of Assessment for Construction

Schedule C provides details of the distribution of the total estimated costs of the construction of the municipal drain.

### 11.4 Schedule D – Schedule of Assessment for Maintenance

Schedule D provides details of the distribution of future maintenance costs for the municipal drain. Maintenance assessments are expressed as a percentage of the total maintenance. Lands located upstream of the maintenance shall be determined by the Drainage Superintendent and assessed according to this schedule.



**12.0 ALLOWANCES**

In accordance with Sections 29 and 30 of the Drainage Act, Allowances payable to Landowners are described below.

12.1 Allowances for Right-of-Way (Section 29)

The Right-of-Way allowance compensates the lands for the right to enter onto the land at various times for the purpose of inspecting the drainage system and conducting maintenance activities. The land value used for the Right-of-Way calculation is adjusted to account for the continued use of the land after construction.

The values used for calculating allowances for Right-of-Way are as follows:

Land Use	Land Value	Adjustment Factor for Drainage Act Right-of-Way	Adjusted Land Value for Drainage Act Right-of-Way Allowance
Agricultural	\$60,000/Ha	25%	\$15,000/Ha

12.2 Allowances for Damages to Lands and Crops (Section 30)

Allowances for Damages to Lands and Crops under Section 30 of the Drainage Act, were primarily calculated to compensate landowners for crop losses, and land damages due to the construction of the drain and enclosure of the existing open ditch, including access to the working area.

It is anticipated that the working area will experience a complete crop loss in the year of construction, and a reduction in crop productivity for the following two years.

Area values used for calculating allowances for Damages are \$6,000/Ha.

Allowances for damages were provided to affected properties for the installation of the new tile drainage system as well as for the enclosure of the existing open ditch.

Allowances payable to Landowners are shown in Schedule A.

**Total Allowances, under Sections 29 and 30 of the Drainage Act are \$9,450.**

Allowances will be deducted from the total assessments in accordance with Section 62(3) of the Drainage Act.

**13.0 ESTIMATED CONSTRUCTION COSTS**

Headway Engineering has made an estimate of the cost of the proposed construction work. A detailed description of the construction costs can be found in Schedule B of this report.

Part A – McArthur Drain (including tile drain installation and open ditch enclosure)	\$ 67,170
Part B - Provisional Items	\$ 7,030
<b>Total Estimated Construction Costs</b>	<b>\$ 74,200</b>





## 14.0 SUMMARY OF ESTIMATED PROJECT COSTS

The total estimated project costs are as follows:

Allowances under Sections 29 and 30 of the Drainage Act (Refer to Schedule A)	\$ 9,450
Total Estimated Construction Costs (Refer to Schedule B)	\$ 74,200
Hydro One – Engineering and administration related to Hydro One approval, including \$1,500 review fee	\$ 7,500
Public engagements, survey, design and drafting, preparation of preliminary cost estimates and assessments, preparation of final drainage report, consideration of report	\$ 22,500
Environmental Agency Consultations and Approvals, including permit fees	\$ 750
Preparation of contract documents, contract administration, supervision and inspection of construction	\$ 7,500
Contingencies, Interest and net H.S.T.	\$ 7,100
<b>TOTAL ESTIMATED PROJECT COSTS</b>	
<b>MCARTHUR MUNICIPAL DRAIN 2024</b>	<b>\$ 129,000</b>

The estimated cost of the work in the Municipality of Morris-Turnberry is \$129,000.

The above costs are estimates only. The final costs of construction, engineering and administration cannot be determined until the project is completed.

The above cost estimate does not include costs associated with defending the drainage report should appeals be filed with the Court of Revision, Drainage Tribunal and/or Drainage Referee. Should additional costs be incurred, unless otherwise directed, the additional costs would be distributed in a pro-rata fashion over the assessments contained in Schedule C and as may be varied under the Drainage Act.

## 15.0 ASSESSMENT

Headway Engineering assesses the cost of this work against the Lands and Roads as shown in Schedule C - Assessment for Construction.

Assessments were determined using the principles included in the 'Drainage Assessment Revisited' paper prepared by E.P. Dries and H.H. Todgham. These principles of assessment are recognized to be fair and equitable for determining cost distributions among those affected.

### 15.1 Benefit (Section 22)

Benefit assessment is applied to those properties receiving a benefit as defined in Section 1 of the Drainage Act which is extracted below:

*Benefit means the advantages to any lands, roads, buildings or other structures from the construction, improvement, repair, or maintenance of a drainage works such as will result in a higher market value or increased crop production or*



*improved appearance or better control of surface or sub-surface water, or any other advantages relating to the betterment of lands, roads, buildings or other structures.*

Typically, properties which have direct, or near direct access to the proposed drain receive Benefit as defined above.

### 15.2 Outlet Liability (Section 23)

Outlet Liability is distributed to all properties within the watershed area on an adjusted area basis. The areas are adjusted to accurately reflect equivalent run-off rates relative to other lands and roads within the watershed. Due to development, roads have been assessed higher Outlet Liability rates relative to agricultural lands.

### 15.3 Special Benefit (Section 24)

The Special Benefit instrument of assessment was used to assess the increased costs of enclosing the open ditch and installing a new tile drainage system to the property who requested that the open ditch be enclosed. This assessment tool is used to separate the increased costs to enclose the drain and the installation of a new tile drainage system from the normal costs, approximately equivalent to cleaning out the same segment of open ditch to be enclosed, twice under the maintenance program.

### 15.4 Special Assessment (Section 26)

Special Assessments apply to public utilities and roads which directly cause increased costs to the drainage works due to the existence and operation of the public utility or road.

Construction and administration costs, which are required solely because of the existence of the hydro utility, are fully assessed to Hydro One Networks Inc. The Special Assessment is calculated based on the actual construction costs of the proposed works, plus an allowance for administration as described below.

Utility Name	Construction Costs	Plus Engineering Costs and Review Fee	Less Equivalent Drain Costs (Fixed)	Plus Interest, and Net HST	Special Assessment
Hydro One Networks Inc.	\$8,690	\$7,500	\$4,460	\$1,035	\$12,765

Hydro One Networks Inc. shall be assessed the actual increased costs of administration and of the work due to the presence of the Hydro One Tower and construction and operation of the new tile drainage system within the Hydro One Networks Inc. property as a Special Assessment.

## 16.0 GRANT ELIGIBILITY

The Province of Ontario provides grants towards assessments to eligible properties for drainage improvements which meet specified criteria. The provision of these grants for activities under the Drainage Act is called the Agriculture Drainage Infrastructure Program (ADIP).



The proposed works consist of enclosing an existing open ditch municipal drain and replacing it with a new tile drain that has more capacity than a single 300mm diameter corrugated plastic pipe.

As a result, the proposed works are not eligible for a grant according to the ADIP Part III: Policies, 2.3 f), therefore grants under the ADIP program are not available for the project.

### **17.0 ABANDONMENT OF EXISTING MUNICIPAL DRAINS**

In accordance with Section 19 of the Drainage Act, the section of the existing open ditch to be enclosed, Sta. 0+000 to Sta. 0+299, existing ditch chainage (Drawing 3 of 3), shall be abandoned after the new closed drain is constructed.

### **18.0 MAINTENANCE**

After completion, the portions of Main Drain (Closed) residing in the Municipality of Morris-Turnberry shall be maintained by the Municipality of Morris-Turnberry.

Maintenance of Main Drain (Closed) will be at the expense of all the lands and roads assessed in accordance with the attached Schedule D – Assessment for Maintenance, and in the same relative proportions until such time as the assessment is changed under the Drainage Act.



## **Schedule A**

## **Allowances**

## Schedule of Allowances McArthur Municipal Drain 2024

McArthur Municipal Drain	Property Details				Drainage Act Allowances		
	Part			Roll	Right of Way (Sec. 29)	Damages (Sec. 30)	Total Allowances
	Lot	Concession	Landowner	Number			
	22	9	Hydro One Networks Inc.	10-900-00	\$ 630.00	\$ 1,910.00	\$ 2,540.00
	22	9	Huether Holdings Ltd.	9-050-00	\$ 2,750.00	\$ 4,160.00	\$ 6,910.00
	<b>Total Allowances</b>						
	<b>McArthur Municipal Drain 2024</b>				<b>\$ 3,380.00</b>	<b>\$ 6,070.00</b>	<b>\$ 9,450.00</b>



## **Schedule B**

### **Estimated Construction Costs**

## Schedule of Estimated Construction Costs

We have made an estimate of the cost of the proposed work which is outlined in detail as follows:

### Part A - McArthur Municipal Drain

Description	Estimated Quantity	\$/Unit	Total
<b><u>Existing Ditch Enclosure</u></b>			
1) Cleanout existing ditch of all available topsoil and stockpile	299 m	\$ 8.00	\$ 2,392.00
2) Supply fill material for enclosure	1,400 m <sup>3</sup>	\$ 10.00	\$ 14,000.00
3) Placement of fill to backfill existing ditch (approx. 1,400m <sup>3</sup> )	299 m	\$ 13.00	\$ 3,887.00
4) Place and grade topsoil on enclosed ditch	299 m	\$ 15.00	\$ 4,485.00
<b>Sub-Total - Ditch Enclosure</b>			<b><u>\$ 24,764.00</u></b>
<b><u>Main Drain (Closed)</u></b>			
5) Topsoil stripping (10m width) Sta. 0+000 to Sta. 0+091	91 m	\$ 10.00	\$ 910.00
6) Supply 600mm diameter HDPE outlet pipe complete with rodent grate Installation including quarry stone rip-rap protection and geotextile filter material (Sta. 0+000 to Sta. 0+006)	6 m  l.s.	\$ 110.00	\$ 660.00  \$ 3,000.00
7) Supply 600mm diameter HDPE pipe Installation (Sta. 0+006 to Sta. 0+042)	36 m 36 m	\$ 110.00 \$ 105.00	\$ 3,960.00 \$ 3,780.00
8) Supply 600mm diameter concrete field tile Installation (by wheel machine) (Sta. 0+042 to Sta. 0+225)	183 m 183 m	\$ 65.00 \$ 45.00	\$ 11,895.00 \$ 8,235.00
9) Supply and install 1200mm X 2000mm concrete catch basin at Sta. 0+225 (inline type)	l.s.		\$ 6,966.00

Description	Estimated Quantity	\$/Unit	Total
10) Connect existing 600mm dia. laneway crossing and 500mm dia. CSP to new catch basin at Sta. 0+225, including the removal and off-site disposal of existing lower pipe lengths (approximately 6m per connection) and connections with new 600mm dia. HDPE pipes	l.s.		\$ 2,000.00
11) Supply and place approved additional fill material over drain for increased cover (Sta. 0+012 to Sta. 0+091)	100 m <sup>3</sup>	\$ 10.00	\$ 1,000.00
<b>Sub-Total - Main Drain (Closed)</b>			<b>\$ 42,406.00</b>

**Total Estimated Construction Costs**

<b>Part A - McArthur Municipal Drain</b>			<b>\$ 67,170.00</b>
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**Part B - Provisional Items**

A Provisional Item is an item that may or may not be required as a part of the Contract. The decision as to whether a Provisional Item will form part of the Contract will be at the discretion of the engineer at time of construction. Payment for Provisional Items will only be made for work authorized in writing by the Engineer. Payment for work performed under a Provisional Item shall be based on the Unit Price bid in the Scope of Work below.

- 1) Additional costs associated with installation of tile drain on 19mm diameter crushed clear stone bedding. This includes the supply and placement of all stone, and additional labour and equipment required for installation in accordance with the Typical Pipe Installation on wrapped Stone Bedding Detail.

Description	Estimated Quantity	\$/Unit	Total
600mm diameter pipe	50 m	\$ 75.00	\$ 3,750.00

- 2) Additional costs associated with installation of tile drain on 19mm diameter crushed clear stone bedding. This includes the supply and placement of all stone, and additional labour and equipment required for installation in accordance with the Typical Pipe Installation on Stone Bedding Detail (un-wrapped bedding).

Description	Estimated Quantity	\$/Unit	Total
600mm diameter pipe	25 m	\$ 60.00	\$ 1,500.00



Description	Estimated Quantity	\$/Unit	Total
3) Wheel machine lift outs due to stony conditions	2 ea.	\$ 500.00	\$ 1,000.00

4) Tile connections:

Description	Estimated Quantity*	\$/Unit	Total
100mm diameter	5 ea.	\$ 90.00	\$ 450.00
150mm diameter	2 ea.	\$ 100.00	\$ 200.00
200mm diameter	1 ea.	\$ 130.00	\$ 130.00

\*The Contractor shall be paid for the actual quantity of tile connections at the above fixed unit prices.

**Total Estimated Construction Costs**

**Part B - Provisional Items** \$ 7,030.00

**Summary of Estimated Construction Costs**

Part A - McArthur Municipal Drain \$ 67,170.00  
Part B - Provisional Items \$ 7,030.00

**Total Estimated Construction Costs** \$ 74,200.00

Total Estimated Materials \$ 33,521.00  
Total Estimated Labour and Equipment \$ 40,679.00

**Total Estimated Construction Costs**  
**McArthur Municipal Drain 2024** \$ 74,200.00



## **Schedule C**

### **Assessment for Construction**

**Schedule of Assessment for Construction  
McArthur Municipal Drain 2024**

	Property Details				Drainage Act Instruments of Assessment				For Information				
	Part Lot	Concession	Landowner	Roll Number	Approx. Ha. Affected	Benefit (Sec. 22)	Outlet Liability (Sec. 23)	Special Benefit (Sec. 24)	Special Assessment (Sec. 26)	Total Assessment	Less Allowances	Net Estimated Expense	
<b>McArthur Municipal Drain</b>	22	9	Hydro One Networks Inc.	10-900-00		\$ 3,494.00	\$ -		\$ 12,765.00	\$ 16,259.00	\$ 2,540.00	\$ 13,719.00	
	22	9	Huether Holdings Ltd.	9-050-00	12.5	\$ 4,306.00	\$ 627.00	\$ 104,275.00		\$ 109,208.00	\$ 6,910.00	\$ 102,298.00	
	23	9	David & Brenda Linton	9-051-00	28.8	\$ -	\$ 1,170.00			\$ 1,170.00	\$ -	\$ 1,170.00	
	24	9	Huether Farms Inc.	9-052-00	28.5	\$ -	\$ 1,255.00			\$ 1,255.00	\$ -	\$ 1,255.00	
	24	9	Kenneth Huether & Sarah Devereaux	9-052-05	0.6	\$ -	\$ 62.00			\$ 62.00	\$ -	\$ 62.00	
	25	9	Ronald & Nicole Stevenson	9-053-00	10	\$ -	\$ 514.00			\$ 514.00	\$ -	\$ 514.00	
	23	9	Fred & Heidi McClure	10-016-00	6.1	\$ -	\$ 131.00			\$ 131.00	\$ -	\$ 131.00	
	24	10	Matthew & Julie Shortreed	10-017-00	3.6	\$ -	\$ 41.00			\$ 41.00	\$ -	\$ 41.00	
	<b>Total Assessments on Lands</b>						\$ 7,800.00	\$ 3,800.00	\$ 104,275.00	\$ 12,765.00	\$ 128,640.00	\$ 9,450.00	\$ 119,190.00
	Walton Road		Municipality of Morris-Turnberry			1.4	\$ -	\$ 360.00			\$ 360.00		\$ 360.00
<b>Total Assessments on Roads</b>						\$ -	\$ 360.00		\$ -	\$ 360.00		\$ 360.00	
<b>Total Assessments</b>													
<b>McArthur Municipal Drain 2024</b>						\$ 7,800.00	\$ 4,160.00	\$ 104,275.00	\$ 12,765.00	\$ 129,000.00	\$ 9,450.00	\$ 119,550.00	

Notes:

- 1 The Special Benefit Assessment (Sec. 24) is the increased estimated costs of enclosing the existing ditch and replacing it with a tile drainage system, less the Special Assessment under Section 26, and less the equivalent cost of two ditch cleanouts.
- 2 The Special Assessments (Sec. 26) shall be non-proratable assessments. All other assessments are proratable.
- 3 The Net Estimated Expense is the Total Assessment less allowances (if applicable).



## **Schedule D**

### **Assessment for Future Maintenance**

## Schedule of Assessment for Future Maintenance McArthur Municipal Drain 2024

McArthur Municipal Drain	Property Details					Portion of Maintenance Assessment
	Part Lot	Concession	Landowner	Roll Number	Approx. Ha. Affected	
	22	9	Huether Holdings Ltd.	9-050-00	12.5	15.07%
	23	9	David & Brenda Linton	9-051-00	28.8	28.13%
	24	9	Huether Farms Inc.	9-052-00	28.5	30.17%
	24	9	Kenneth Huether & Sarah Devereaux	9-052-05 *	0.6	1.49%
	25	9	Ronald & Nicole Stevenson	9-053-00	10	12.36%
	23	9	Fred & Heidi McClure	10-016-00	6.1	3.15%
	24	10	Matthew & Julie Shortreed	10-017-00	3.6	0.99%
	<b>Total Assessments on Lands</b>					<b>91.35%</b>
Walton Road		Municipality of Morris-Turnberry		1.4	8.65%	
<b>Total Assessments on Roads</b>					<b>8.65%</b>	
<b>Total Maintenance Assessments McArthur Municipal Drain 2024</b>					<b>100.00%</b>	

Notes:

- 1 '\*' Denotes Lands not eligible for ADIP Grants.
- 2 All maintenance activities on road right-of-ways shall be completed at the expense of the road authority having jurisdiction over the road.
- 3 Lands located upstream of the maintenance shall be determined by the Drainage Superintendent.



## **Specifications for the Construction of Municipal Drainage Works**

DIVISION A – General Conditions  
DIVISION C – Specifications for Tile Drains  
DIVISION H – Special Provisions



**DIVISION A**

**General Conditions**







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## **DIVISION A – GENERAL CONDITIONS**

### **A.1. Scope**

The work to be done under this contract consists of supplying all labour, equipment and materials to construct the drainage work as outlined in the Scope of Work, Drawings, General Conditions and other Specifications.

### **A.2. Tenders**

Tenders are to be submitted on a lump sum basis for the complete works or a portion thereof, as instructed by the Municipality. The Scope of Work must be completed and submitted with the Form of Tender and Agreement. A certified cheque is required as Tender Security, payable to the Treasurer of the Municipality.

All certified cheques, except that of the bidder to whom the work is awarded will be returned within ten (10) days after the tender closing. The certified cheque of the bidder to whom the work is awarded will be retained as Contract Security and returned when the Municipality receives a Completion Certificate for the work.

A certified cheque is not required if the Contractor provides an alternate form of Contract Security such as a Performance Bond for 100% of the amount of the Tender or other satisfactory security, if required/permitted by the Municipality. A Performance Bond may also be required to insure maintenance of the work for a period of one (1) year after the date of the Completion Certificate.

### **A.3. Examinations of Site, Drawings, and Specifications**

The Tenderer must examine the premises and site to compare them with the Drawings and Specifications in order to satisfy himself of the existing conditions and extent of the work to be done before submission of his Tender. No allowance shall subsequently be made on behalf of the Contractor by reason of any error on his part. Any estimates of quantities shown or indicated on the Drawings, or elsewhere are provided for the convenience of the Tenderer. Any use made of these quantities by the Tenderer in calculating his Tender shall be done at his own risk. The Tenderer for his own protection should check these quantities for accuracy.

The standard specifications (Divisions B through G) shall be considered complementary and where a project is controlled under one of the Divisions, the remaining Divisions will apply for miscellaneous works.

In case of any inconsistency or conflict between the Drawings and Specifications, the following order of precedence shall apply:

- Direction of the Engineer
- Special Provisions (Division H)
- Scope of Work
- Contract Drawings
- Standard Specifications (Divisions B through G)
- General Conditions (Division A)



#### **A.4. Payment**

Progress payments equal to 87±% of the value of work completed and materials incorporated in the work will be made to the Contractor monthly. An additional ten per cent (10±%) will be paid 45 days after the final acceptance by the Engineer, and three per cent (3±%) of the Contract price may be reserved by the Municipality as a maintenance holdback for a one (1) year period from the date of the Completion Certificate. A greater percentage of the Contract price may be reserved by the Municipality for the same one (1) year period if in the opinion of the Engineer, particular conditions of the Contract requires such greater holdback.

After the completion of the work, any part of this reserve may be used to correct defects developed within that time from faulty workmanship and materials, provided that notice shall first be given to the Contractor and that he may promptly make good such defects.

#### **A.5. Contractor's Liability Insurance**

Prior to commencement of any work, the Contractor shall file with the Municipality evidence of compliance with all Municipality insurance requirements (Liability Insurance, WSIB, etc.) for no less than the minimum amounts as stated in the Purchasing Procedures of the Municipality. All insurance coverage shall remain in force for the entire contract period including the warranty period which expires one year after the date of the Completion Certificate.

The following are to be named as co-insured:

- Successful Contractor
- Sub-Contractor
- Municipality
- Headway Engineering

#### **A.6. Losses Due to Acts of Nature, Etc.**

All damage, loss, expense and delay incurred or experienced by the Contractor in the performance of the work, by reason of unanticipated difficulties, bad weather, strikes, acts of nature, or other mischances shall be borne by the Contractor and shall not be the subject of a claim for additional compensation.

#### **A.7. Commencement and Completion of Work**

The work must commence as specified in the Form of Tender and Agreement. If conditions are unsuitable due to poor weather, the Contractor may be required, at the discretion of the Engineer to postpone or halt work until conditions become acceptable and shall not be subject of a claim for additional compensation.

The Contractor shall give the Engineer a minimum of 48 hours notice before commencement of work. The Contractor shall then arrange a meeting to be held on the site with Contractor, Engineer, and affected Landowners to review in detail the construction scheduling and other details of the work.

If the Contractor leaves the job site for a period of time after initiation of work, he shall give the Engineer and the Municipality a minimum of 24 hours notice prior to returning to the project. If any work is commenced without notice to the Engineer, the Contractor shall be fully responsible for all such work undertaken prior to such notification.



The work must proceed in such a manner as to ensure its completion at the earliest possible date and within the time limit set out in the Form of Tender and Agreement.

### **A.8. Working Area and Access**

Where any part of the drain is on a road allowance, the road allowance shall be the working area. For all other areas, the working area available to the Contractor to construct the drain is specified in the Special Provisions (Division H).

Should the specified widths become inadequate due to unusual conditions, the Contractor shall notify the Engineer immediately. Where the Contractor exceeds the specified working widths without authorization, he shall be held responsible for the costs of all additional damages.

If access off an adjacent road allowance is not possible, each Landowner on whose property the drainage works is to be constructed, shall designate access to and from the working area. The Contractor shall not enter any other lands without permission of the Landowner and he shall compensate the Landowner for damage caused by such entry.

### **A.9. Sub-Contractors**

The Contractor shall not sublet the whole or part of this Contract without the approval of the Engineer.

### **A.10. Permits, Notices, Laws and Rules**

The Contractor shall obtain and pay for all necessary permits or licenses required for the execution of the work (but this shall not include MTO encroachment permits, County Road permits permanent easement or rights of servitude). The Contractor shall give all necessary notices and pay for all fees required by law and comply with all laws, ordinances, rules and regulations relating to the work and to the preservation of the public's health and safety.

### **A.11. Railways, Highways, and Utilities**

A minimum of 72 hours' notice to the Railway or Highways, exclusive of Saturdays, Sundays, and Statutory Holidays, is required by the Contractor prior to any work activities on or affecting the applicable property. In the case of affected Utilities, a minimum of 48 hours' notice to the utility owner is required.

### **A.12. Errors and Unusual Conditions**

The Contractor shall notify the Engineer immediately of any error or unusual conditions which may be found. Any attempt by the Contractor to correct the error on his own shall be done at his own risk. Any additional cost incurred by the Contractor to remedy the wrong decision on his part shall be borne by the Contractor. The Engineer shall make the alterations necessary to correct errors or to adjust for unusual conditions during which time it will be the Contractor's responsibility to keep his men and equipment gainfully employed elsewhere on the project.

The Contract amount shall be adjusted in accordance with a fair evaluation of the work added or deleted.

### **A.13. Alterations and Additions**

The Engineer shall have the power to make alterations in the work shown or described in the Drawings and Specifications and the Contractor shall proceed to make such changes without causing delay. In



every such case, the price agreed to be paid for the work under the Contract shall be increased or decreased as the case may require according to a fair and reasonable evaluation of the work added or deleted. The valuation shall be determined as a result of negotiations between the Contractor and the Engineer, but in all cases the Engineer shall maintain the final responsibility for the decision. Such alterations and variations shall in no way render the Contract void. No claims for a variation or alteration in the increased or decreased price shall be valid unless done in pursuance of an order from the Engineer and notice of such claims made in writing before commencement of such work. In no such case shall the Contractor commence work which he considers to be extra before receiving the Engineer's approval.

#### **A.14. Supervision**

The Contractor shall give the work his constant supervision and shall keep a competent foreman in charge at the site.

#### **A.15. Field Meetings**

At the discretion of the Engineer, a field meeting with the Contractor or his representative, the Engineer and with those others that the Engineer deems to be affected, shall be held at the location and time specified by the Engineer.

#### **A.16. Periodic and Final Inspections**

Periodic inspections by the Engineer will be made during the performance of the work. If ordered by the Engineer, the Contractor shall expose the drain as needed to facilitate inspection by the Engineer.

Final inspection by the Engineer will be made within twenty (20) days after he has received notice from the Contractor that the work is complete.

#### **A.17. Acceptance By the Municipality**

Before any work shall be accepted by the Municipality, the Contractor shall correct all deficiencies identified by the Engineer and the Contractor shall leave the site neat and presentable.

#### **A.18. Warranty**

The Contractor shall repair and make good any damages or faults in the drain that may appear within one (1) year after its completion (as dated on the Completion Certificate) as the result of the imperfect or defective work done or materials furnished if certified by the Engineer as being due to one or both of these causes; but nothing herein contained shall be construed as in any way restricting or limiting the liability of the Contractor under the laws of the Country, Province or Locality in which the work is being done. Neither the Completion Certificate nor any payment there under, nor any provision in the Contract Documents shall relieve the Contractor from his responsibility.

#### **A.19. Termination of Contract By The Municipality**

If the Contractor should be adjudged bankrupt, or if he should make a general assignment for the benefit of his creditors, or if a receiver should be appointed on account of his insolvency, or if he should refuse or fail to supply enough properly skilled workmen or proper materials after having received seven (7) days notice in writing from the Engineer to supply additional workmen or materials to commence or complete the works, or if he should fail to make prompt payment to Sub-Contractors, or for material, or labour, or persistently disregards laws, ordinances, or the instruction of the Engineer,



or otherwise be guilty of a substantial violation of the provisions of the Contract, then the Municipality, upon the certificate of the Engineer that sufficient cause exists to justify such action, may without prejudice to any other right or remedy, by giving the Contractor written notice, terminate the employment of the Contractor and take possession of the premises, and of all materials, tools and appliances thereon, and may finish the work by whatever method the Engineer may deem expedient but without delay or expense. In such a case, the Contractor shall not be entitled to receive any further payment until the work is finished. If the unpaid balance of the Contract price will exceed the expense of finishing the work including compensation to the Engineer for his additional services and including the other damages of every name and nature, such excess shall be paid by the Contractor. If such expense will exceed such unpaid balance, the Contractor shall pay the difference to the Municipality. The expense incurred by the Municipality, as herein provided, shall be certified by the Engineer.

If the Contract is terminated by the Municipality due to the Contractor's failure to properly commence the works, the Contractor shall forfeit the certified cheque bid deposit and furthermore shall pay to the Municipality an amount to cover the increased costs, if any, associated with a new Tender for the Contract being terminated.

If any unpaid balance and the certified cheque do not match the monies owed by the Contractor upon termination of the Contract, the Municipality may also charge such expense against any money which may thereafter be due to the Contractor from the Municipality.

## **A.20. Tests**

The cost for the testing of materials supplied to the job by the Contractor shall be borne by the Contractor. The Engineer reserves the right to subject any lengths of any tile or pipe to a competent testing laboratory to ensure the adequacy of the tile or pipe. If any tile supplied by the Contractor is determined to be inadequate to meet the applicable A.S.T.M. standards, the Contractor shall bear full responsibility to remove and/or replace all such inadequate tile in the Contract with tile capable of meeting the A.S.T.M. Standards.

## **A.21. Pollution**

The Contractor shall keep their equipment in good repair. The Contractor shall refuel or repair equipment away from open water.

If polluted material from construction materials or equipment is caused to flow into the drain, the Contractor shall immediately notify the Ministry of the Environment, and proceed with the Ministry's protocols in place to address the situation.

## **A.22. Species and Risk**

If a Contractor encounters a known Species at Risk as designated by the MNR or DFO, the Contractor shall notify the Engineer immediately and follow the Ministry's guidelines to deal with the species.

## **A.23. Road Crossings**

This specification applies to all road crossings (Municipality, County, Regional, or Highway) where no specific detail is provided on the drawings or in the standard specifications. This specification in no way limits the Road Authority's regulations governing the construction of drains on their Road Allowance.

### **A.23.1. Road Occupancy Permit**



Where applicable, the Contractor must submit an application for a road occupancy permit to the Road Authority and allow a minimum of five (5) working days for its review and issuance.

### **A.23.2. Road Closure Request and Construction Notification**

The Contractor shall submit written notification of construction and request for road closure (if applicable) to the Road Authority and the Engineer for review and approval a minimum of five (5) working days prior to proceeding with any work on the road allowance. The Contractor shall be responsible for notifying all applicable emergency services, schools, etc. of the road closure or construction taking place.

### **A.23.3. Traffic Control**

The Contractor shall supply flagmen, and warning signs and ensure that detour routes are adequately signed in accordance with no less than the minimum standards as set out in the Ontario Traffic Manual's Book 7.

### **A.23.4. Weather**

No construction shall take place during inclement weather or periods of poor visibility.

### **A.23.5. Equipment**

No construction material and/or equipment is to be left within three (3) metres of the travelled portion of the road overnight or during periods of inclement weather.

If not stated on the drawings, the road crossing shall be constructed by open cut method. Backfill from the top of the cover material over the subsurface pipe or culvert to the under side of the road base shall be Granular "B". The backfill shall be placed in lifts not exceeding 300mm in thickness and each lift shall be thoroughly compacted to 98% Standard Proctor. Granular "B" road base for County Roads and Highways shall be placed to a 450mm thickness and Granular "A" shall be placed to a thickness of 200mm. Granular road base materials shall be thoroughly compacted to 100% Standard Proctor.

Where the road surface is paved, the Contractor shall be responsible for placing HL-8 Hot Mix Asphalt patch at a thickness of 50mm or of the same thickness as the existing pavement structure. The asphalt patch shall be flush with the existing roadway on each side and without overlap.

Excavated material from the trench beyond 1.25 metres from the travelled portion or beyond the outside edge of the gravel shoulder may be used as backfill in the trench in the case of covered drains. The material shall be compacted in lifts not exceeding 300mm.

## **A.24. Laneways**

All pipes crossing laneways shall be backfilled with material that is clean, free of foreign material or frozen particles and readily tamped or compacted in place unless otherwise specified. Laneway culverts on open ditch projects shall be backfilled with material that is not easily erodible. All backfill material shall be thoroughly compacted as directed by the Engineer.

Culverts shall be bedded with a minimum of 300mm of granular material. Granular material shall be placed simultaneously on each side of the culvert in lifts not exceeding 150mm in thickness and compacted to 95% Standard Proctor Density. Culverts shall be installed a minimum of 10% of the





culvert diameter below design grade with a minimum of 450mm of cover over the pipe unless otherwise noted on the Drawings.

The backfill over culverts and subsurface pipes at all existing laneways that have granular surfaces on open ditch and closed drainage projects shall be surfaced with a minimum of 300mm of Granular “B” material and 150mm of Granular “A” material. All backfill shall be thoroughly compacted as directed by the Engineer. All granular material shall be placed to the full width of the travelled portion.

Any settling of backfilled material shall be repaired by or at the expense of the Contractor during the warranty period of the project and as soon as required.

### **A.25. Fences**

No earth is to be placed against fences and all fences removed by the Contractor shall be replaced by him in as good a condition as found. Where practical the Contractor shall take down existing fences in good condition at the nearest anchor post and roll it back rather than cutting the fence and attempting to patch it. The replacement of the fences shall be done to the satisfaction of the Engineer. Any fences found in such poor condition where the fence is not salvageable, shall be noted and verified with the Engineer prior to commencement of work.

Fences damaged beyond repair by the Contractor’s negligence shall be replaced with new materials, similar to those materials of the existing fence, at the Contractor’s expense. The replacement of the fences shall be done to the satisfaction of the Landowner and the Engineer.

Any fences paralleling an open ditch that are not line fences that hinder the proper working of the excavating machinery, shall be removed and rebuilt by the Landowner at his own expense.

The Contractor shall not leave fences open when he is not at work in the immediate vicinity.

### **A.26. Livestock**

The Contractor shall provide each landowner with 48 hours notice prior to removing any fences along fields which could possibly contain livestock. Thereafter, the Landowner shall be responsible to keep all livestock clear of the construction areas until further notified. The Contractor shall be held responsible for loss or injury to livestock or damage caused by livestock where the Contractor failed to notify the Landowner, or through negligence or carelessness on the part of the Contractor.

### **A.27. Standing Crops**

The Contractor shall be responsible for damages to standing crops which are ready to be harvested or salvaged along the course of the drain and access routes if the Contractor has failed to notify the Landowners 48 hours prior to commencement of the work on that portion of the drain.

### **A.28. Surplus Gravel**

If as a result of any work, gravel or crushed stone is required and not all the gravel or crushed stone is used, the Contractor shall haul away such surplus material.

### **A.29. Iron Bars**

The Contractor is responsible for the cost of an Ontario Land Surveyor to replace any iron bars that are altered or destroyed during the course of the construction.

### **A.30. Rip-Rap**



Rip-rap shall be quarry stone rip-rap material and shall be the sizes specified in the Special Provisions. Broken concrete shall not be used as rip-rap unless otherwise specified.

### **A.31. Clearing, Grubbing and Brushing**

This specification applies to all brushing where no specific detail is provided on the drawings or in the Special Provisions.

The Contractor shall clear, brush and stump trees from within the working area that interfere with the installation of the drainage system.

All trees, limbs and brush less than 150mm in diameter shall be mulched. Trees greater than 150mm in diameter shall be cut and neatly stacked in piles designated by the Landowners.

### **A.32. Restoration of Lawns**

This specification applies to all lawn restoration where no specific detail is provided on the drawings or in the Special Provisions and no allowance for damages has been provided under Section 30 of the Drainage Act RSO 1990 to the affected property.

The Contractor shall supply “high quality grass seed” and the seed shall be broadcast by means of an approved mechanical spreader. All areas on which seed is to be placed shall be loose at the time of broadcast to a depth of 25mm. Seed and fertilizer shall be spread in accordance with the supplier’s recommendations unless otherwise directed by the Engineer. Thereafter it will be the responsibility of the Landowner to maintain the area in a manner so as to promote growth

**END OF DIVISION**



**DIVISION C**

**Specifications for Tile Drains**





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## DIVISION C – SPECIFICATIONS FOR TILE DRAINS

### C.1. Pipe Materials

#### Concrete Tile

Concrete drain tile shall conform to the requirements of the most recent A.S.T.M. specification for Heavy-Duty Extra Quality drain tile. All tile with diameters less than 600mm shall have a pipe strength of 1500D. All tile with diameters 600mm or larger shall have a pipe strength of 2000D.

All tile furnished shall be subject to the approval of the Engineer. All rejected tile are to be immediately removed from the site.

#### High Density Polyethylene (HDPE) Pipe

All HDPE pipe shall be dual-wall corrugated drainage pipe with a smooth inner wall. HDPE pipe shall have a minimum stiffness of 320 kPa at 5% deflection.

Unless otherwise noted, all sealed HDPE pipe shall have a water tight gasketed bell and spigot joining system meeting the minimum requirements of CSA B182.8. Perforated HDPE pipe shall have a soil tight joining system, and shall be enveloped in non-woven geotextile filter sock.

### C.2. Alignment

The Contractor shall contact the Engineer to establish the course of the drain. Where an existing drain is to be removed and replaced by the new drain, or where the new drain is to be installed parallel to an existing drain, the Contractor shall locate the existing drain (including repairing damaged tile caused by locating) at intervals along the course of the drain. The costs of locating shall be included in the tender price.

The drain shall run in as straight a line as possible throughout its length, except that at intersections of other watercourses or at sharp corners, it shall run on a curve of at least 15 metres radius. The new tile drain shall be constructed at an offset from and parallel with any ditch or defined watercourse in order that fresh backfill in the trench will not be eroded by the flow of surface water.

The Contractor shall exercise care not to disturb any existing tile drain or drains which parallel the course of the new drain, particularly where the new and existing tile act together to provide the necessary capacity. Where any such existing drain is disturbed or damaged, the Contractor shall perform the necessary repair at his expense.

### C.3. Profile

Benchmarks have been established along the course of the drain which are to govern the elevations of the drain. The location and elevations of the benchmarks are shown on the drawings. Tile is to be installed to the elevation and grade shown on the profiles. Accurate grade control must be maintained by the Contractor at all times.

When installing a drain towards a fixed point such as a bore pipe, the Contractor shall uncover the pipe and confirm the elevation a sufficient distance away from the pipe in order to allow for any necessary minor grade adjustments to be made.



## **C.4. Excavation**

### **Wheel machine**

Unless otherwise specified, all trenching shall be carried out with a wheel machine approved by the Engineer. The wheel machine shall shape the bottom of the trench to conform to the outside diameter of the pipe. The minimum trench width shall be equal to the outside diameter of the pipe plus 100mm on each side of the pipe, unless otherwise specified. The maximum trench width shall be equal to the outside diameter of the pipe plus 300mm on each side of the pipe, unless otherwise specified.

### **Scalping**

Where the depths of cuts in isolated areas along the course of the drain as shown on the profile exceed the capability of the Contractor's wheel machine, he shall lower the surface grade in order that the wheel machine may trench to the correct depth. Topsoil is to be stripped over a sufficient width that no subsoil will be deposited on top of the topsoil. Subsoil will then be removed to the required depth and piled separately. Upon completion, the topsoil will then be replaced to an even depth over the disturbed area. The cost for this work shall be included in his tender price.

### **Excavator**

Where the use of an excavator is used in-lieu of a wheel machine, the topsoil shall be stripped and replaced in accordance with Item C.4.2. All tile shall be installed on 19mm clear crushed stone bedding placed to a minimum depth of 150mm which has been shaped to conform to the bottom of the pipe. The Contractor shall include the costs of this work in his tender price.

## **C.5. Installation**

### **Concrete Tile**

The tile is to be laid with close joints and in regular grade and alignment in accordance with the drawings. The tiles are to be bevelled, if necessary to ensure close joints. The inside of the tile is to be kept clear when laid. The sides of the tile are to be supported by partial filling of the trench (blinding) prior to inspection by the Engineer. No tile shall be backfilled until inspected by the Engineer unless otherwise permitted by the Engineer. The tile shall be backfilled such that a sufficient mound of backfill is placed over the trench to ensure that no depression remains after settling occurs in the backfill.

Where a tile connects to a catch basin or similar structure, the Contractor shall include in his tender price for the supply and placement of compacted Granular 'A' bedding or 19mm clear crushed stone under areas backfilled from the underside of the pipe to undisturbed soil. Where a tile drain passes through a bore pit, the Contractor shall include in his tender price for the supply and placement of compacted Granular 'A' bedding or 19mm clear crushed stone from the underside of the pipe down to undisturbed soil with the limits of the bore pit.

The Contractor shall supply and wrap all concrete tile joints with Mirafi 160N geotextile filter material as part of this contract. The width of the filter material should be:

- 300mm wide for tile sizes 150mm diameter to 350mm diameter.
- 400mm wide for tile sizes 400mm diameter to 750mm diameter.
- 500mm wide for tile sizes larger than 750mm diameter.

The filter material shall completely cover the tile joint and shall have a minimum overlap of 300mm. The type of filter material shall be.





### HDPE Pipe

HDPE pipe shall be installed using compacted Granular 'A' bedding or 19mm clear crushed stone bedding from 150mm below the pipe to 300mm above the pipe. All granular material shall be compacted using a suitable mechanical vibratory compactor. Granular bedding and backfill shall be placed in lifts not exceeding 300mm and compacted to at least 95% Standard Proctor Maximum Dry Density (SPMDD).

Where a pipe connects to a catch basin or similar structure, the Contractor shall include in his tender price for the supply and placement of compacted Granular 'A' bedding or 19mm clear crushed stone under areas backfilled from the underside of the pipe to undisturbed soil. Where a pipe passes through a bore pit, the Contractor shall include in his tender price for the supply and placement of compacted Granular 'A' bedding or 19mm clear crushed stone from the underside of the pipe down to undisturbed soil with the limits of the bore pit.

As determined by the Engineer, unsuitable backfill material must be hauled off-site by the Contractor and Granular "B" shall be used as replacement backfill material.

### C.6. Trench Crossings

The Contractor shall not cross the backfilled trench with any construction equipment or vehicles, except by one designated crossing location on each property. The Contractor shall ensure that the bedding and backfill material at this designated crossing location is properly placed and compacted so as to adequately support the equipment and vehicles that may cross the trench. The Contractor may undertake any other approved work to ensure the integrity of the tile at the crossing location. The Contractor shall ensure that no equipment or vehicles travel along the length of the trench. The Contractor shall be responsible for any damage to the new tile caused by the construction of the drain.

### C.7. Outlet Protection

A tile drain outlet into a ditch shall be either HDPE pipe or corrugated steel pipe and shall include a hinged grate for rodent protection. The maximum spacing between bars on the rodent grate shall be 40mm. All corrugated steel outlet pipes shall be bevelled at the end to generally conform to the slope of the ditch bank.

Quarry stone rock rip-rap protection and geotextile filter material (Mirafi 160N), shall be installed around the outlet pipe and extended downstream a minimum distance of three metres, unless otherwise specified. The protection shall extend to the top of the backfilled trench and below the pipe to 300 mm under the streambed. The protection shall also extend 600mm into undisturbed soil on either side of the backfilled trench. In some locations, rip-rap may be required on the bank opposite the outlet.

Where the outlet occurs at the upper end of an open ditch, the rip-rap protection will extend all around the end of the ditch and to a point 800mm downstream on either side. Where heavy overflow is likely to occur, sufficient additional rip-rap and filter material shall be placed as directed by the Engineer to prevent the water cutting around the protection.

### C.8. Catch Basins and Junction Boxes

Unless otherwise noted, catch basins shall be in accordance with OPSD 705.010 and 705.030. The catch basin grate shall be a "Birdcage" type substantial steel grate, removable for cleaning and shall be inset into a recess provided around the top of the structure. The grate shall be fastened to the catch basin with bolts into the concrete. Spacing of bars on grates for use on 600mmX600mm



structures shall be 65mm centre to centre. Spacing of bars on grates for use on structures larger than 600mmX600mm shall be 90mm.

All catch basins shall be backfilled with compacted Granular 'A' or 19mm clear crushed stone placed to a minimum width of 300mm on all sides. If settling occurs after construction, the Contractor shall supply and place sufficient granular material to maintain the backfill level flush with adjacent ground. The riser sections of the catch basin shall be wrapped with filter cloth.

Quarry stone rip-rap protection shall be placed around all catch basins and shall extend a minimum distance of one (1) metre away from the outer edge of each side of the catch basin, and shall be placed so that the finished surface of the rip-rap is flush with the existing ground.

If there are no existing drains to be connected to the catch basin at the top end of the drain, a plugged tile shall be placed in the upstream wall with the same elevations as the outlet tile.

Junction boxes shall have a minimum cover over the lid of 450mm.

The Contractor shall include in his tender price for the construction of a berm behind all ditch inlet structures. The berm shall be constructed of compacted clay keyed 300mm into undisturbed soil. The top of the spill way of the earth berm shall be the same elevation as the high wall of the ditch inlet catch basin. The earth berm shall be covered with 100mm depth of topsoil and seeded with an approved green seed mixture. The Contractor shall also include for regrading, shaping and seeding of road ditches for a maximum of 15 metres each way from all catch basins.

The Contractor shall clean all catch basin sumps after completion of the drain installation. Catch basin markers shall be placed beside each catch basin.

### **C.9. Tributary Drains**

Any tributary tile encountered in the course of the drain is to be carefully taken up by the Contractor and placed clear of the excavated earth. If the tributary drains encountered are clean or reasonably clean, they shall be connected into the new drain in accordance with the typical tile drain connection detail. Tributary tile drain connections into the new drain shall be made using high density polyethylene agricultural drain tubing installed on and backfilled with 19mm clear crushed stone. All tile drain connections into the new drain shall be either a cored hole with an insert coupler or a manufactured tee.

Where the existing drains are full of sediment, the decision to connect the tributary drain to the new drain shall be left to the Engineer. The Contractor shall be paid for each tributary drain connection as outlined in the Form of Tender and Agreement.

The Contractor shall be responsible for all tributary tile connections for a period of one year from the date of the Completion Certificate. After construction, any missed tile connections required to be made into the new drain shall be paid at the same rate as defined in the Form of Tender and Agreement. The Contractor will have the option to make any subsequent tile connections or have the Municipality make the required connections and have the cost of which deducted from the holdback.

Where an open ditch is being replaced by a new tile drain, existing tile outlets entering the ditch from the side opposite the new drain shall be extended to the new drain.

Where the Contractor is required to connect an existing tile which is not encountered in the course of the drain, the cost of such work shall constitute an extra to the contract.



### **C.10. Clearing, Grubbing and Mulching**

The Contractor shall clear, brush and stump trees from within the working area.

All trees or limbs 150mm or larger, that is necessary to remove, shall be cut, trimmed and neatly stacked in the working width for the use or disposal by the Landowner. Brush and limbs less than 150mm in diameter shall be mulched.

Clearing, grubbing and mulching shall be carried out as a separate operation from installing the drain, and shall not be completed simultaneously at the same location.

### **C.11. Roads and Laneway Sub-Surface Crossings**

All roads and laneway crossings may be made with an open cut. The Contractor may use original ground as backfill to within 600mm of finished grade only if adequate compaction and if the use of the original ground backfill has been approved beforehand by the Engineer.

### **C.12. Filling In Existing Ditches**

The Contractor shall backfill the ditch sufficiently for traversing by farm equipment. If sufficient material is available on-site to fill in the existing ditch, the topsoil shall be stripped and the subsoil shall be bulldozed into the ditch and the topsoil shall then be spread over the backfilled waterway. The Contractor shall ensure sufficient compaction of the backfill and if required, repair excess settlement up to the end of the warranty period.

### **C.13. Construction of Grassed Waterways**

Where the Contractor is required to construct a grassed waterway, the existing waterway shall be filled in, regraded, shaped and a seed bed prepared prior to applying the grass seed. The grass seed shall be fresh, clean and new crop seed, meeting the requirements of the MTO.

- 55% Creeping Red Fescue
- 15% Perennial Rye Grass
- 27% Kentucky Bluegrass
- 3% White Clover

Grass seed shall be applied at the rate of 100 kg/ha.

### **C.14. Unstable Soil**

The Contractor shall immediately contact the Engineer if unstable soil is encountered. The Engineer shall, after consultation with the Contractor, determine the action necessary and a price for additions or deletions shall be agreed upon prior to further drain installation.

### **C.15. Rocks**

The Contractor shall immediately contact the Engineer if boulders of sufficient size and number are encountered such that the Contractor cannot continue trenching with a wheel machine. The Engineer shall determine the action necessary and a price for additions or deletions shall be agreed upon prior to further drain installation.



If only scattered large stone or boulders are removed on any project, the Contractor shall either excavate a hole to bury same adjacent to the drain, or he shall haul the stones or boulders to a location designated by the Landowner.

**C.16. Broken or Damaged Tile**

The Contractor shall remove and dispose of all broken (existing or new), damaged or excess tile off site.

**C.17. Recommended Practice For Construction of Sub-Surface Drainage Systems**

Drainage Guide for Ontario, Ministry of Agriculture, Food and Rural Affairs, Publication 29 and its amendments, dealing with the construction of Subsurface Drainage Systems, shall be the guide to all methods and materials to be used in the construction of tile drains except where superseded by other Specifications of the Contract.

**END OF DIVISION**



## **SPECIAL PROVISIONS**

### **McArthur Municipal Drain 2024**





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Special Provisions means special directions containing requirements particular to the work not adequately provided for by the standard or supplemental specifications. Special provisions shall take precedence and govern over any standard or supplemental specification.

## **H.1. GENERAL**

The Contractor shall notify the Landowner, the Drainage Superintendent, and the Engineer 48 hours prior to construction.

The Contractor shall arrange a pre-construction meeting and shall invite the Engineer, Drainage Superintendent, and the Landowners on whose property the work will take place, including all affected road authorities.

The Contractor shall verify the location of the new drainage system with the Engineer and Landowner prior to construction.

The Contractor shall check and verify all dimensions and elevations and report any discrepancies to the Engineer prior to proceeding with the work.

The Contractor must maintain access to all driveways along the route of the drain as well as always maintain access for all emergency vehicles during the construction.

The Contractor shall be responsible for settlement within the warranty period.

## **H.2. UTILITIES**

All utilities shall be located and uncovered in the affected areas by the Contractor prior to construction.

The locations and elevations of all utilities shown on the drawings are approximate locations. Actual locations and elevations of all utilities must be verified by the Contractor prior to construction.

The Contractor shall arrange to have a representative of the utility owner on site during construction if it is a requirement by the utility owner.

## **H.3. WORKING AREA AND ACCESS**

Access to the working area shall be from Walton Road.

The working area for the tile drain installation shall be an average width of 25m for construction purposes along the alignment of the proposed drain.

The working area for the enclosure of the existing open ditch shall be an average width of 10m on the primary working side of the existing ditch, and an additional 5m on the opposite side.

## **H.4. TOPSOIL STRIPPING**

### **4.1 Tile Drain Installation**

The Contractor shall strip the topsoil along the alignment of the tile drain to a width of 10m from Stat 0+000 to Sta. 0+091. From Sta. 0+091 to Sta. 0+225, where the drain is to be installed by means of an approved wheel trencher, the Contractor shall strip the topsoil for a minimum of 4m, centred on the trench.



Where the drain is to be installed by means of an approved hydraulic excavator (due to poor soil conditions), the Contractor shall strip the topsoil for a width equal to the top width of the trench, or the specified width, whichever is greater.

The Contractor shall stockpile the topsoil and later spread it over the backfilled trench. The Contractor shall ensure that the topsoiled trench is left in a condition such that the landowner can perform final restoration using nothing more than farm equipment. The Contractor will not attempt to place frozen topsoil over the backfilled trench.

#### 4.2 Existing Ditch Enclosure

The Contractor shall strip the topsoil along the primary working side of the existing open ditch for a width of six metres. The Contractor shall stockpile the topsoil and later spread it over the backfilled ditch. The Contractor shall ensure that the topsoiled enclosed ditch is left in a condition that the Landowner can perform final restoration using nothing more than farm equipment.

### **H.5. PIPE AND INSTALLATION**

#### 5.1 Concrete Field Tile

An approved wheel trencher shall be used to install the concrete field tile whenever possible.

All concrete tile shall be Heavy-Duty Extra Quality Concrete Drain Tile 2000D.

Concrete field tile installed by means of a wheel machine shall be backfilled using suitable native material. The backfill shall not be compacted but a sufficient mound shall be left over the trench by the Contractor to allow for settlement flush with adjacent lands.

Concrete field tile installed by means of an approved hydraulic excavator shall be installed using 19mm crushed stone bedding from a minimum of 150mm below the pipe to the springline of the pipe. Suitable native material shall be used as backfill from the springline to the underside of the topsoil.

The Contractor shall supply and wrap all concrete joints with geotextile filter material.

The filter material shall completely cover the tile joint.

The Contractor shall be responsible for all trench settlement within the warranty period.

#### 5.2 High Density Polyethylene Pipe (HDPE)

All HDPE pipe shall be CSA B182.8 with soil tight (couplers) jointing systems unless otherwise stated.

All HDPE pipe shall be installed using 19mm crushed stone bedding (or approved equivalent) from a minimum of 150mm below the pipe to 150mm above the pipe. Suitable native material shall be used as backfill from 150mm above the pipe to the underside of the topsoil.

The Contractor shall be responsible for all trench settlement within the warranty period.

#### 5.3 Poor Soil Conditions

The Contractor shall submit a unit price for installation of the pipe per the detail on wrapped crushed stone bedding as a provisional item. The provisional amount for installation on wrapped



crushed stone bedding shall include the supply and installation of all additional labour, equipment and materials required for the installation of the pipe by this method.

If poor soil conditions are encountered, the Contractor shall install the pipe in accordance with the detail for wrapped crushed stone bedding and shall be entitled to the provisional tender amount, in addition to the tendered standard installation price. The Contractor shall be paid for the actual lengths installed in this condition.

#### **H.6. EXISTING DRAINS/TILE CONNECTIONS**

The Contractor shall make all tributary tile drain connections in accordance with the Typical Tile Connection Detail found in the drawing set.

All existing drains cut off during the installation of the new drainage system that will be connected to the new drainage system shall be flagged or marked by the Contractor prior to the connection being made.

Existing tile outlets into the ditch to be enclosed shall be connected to the new drain or redirected to the outlet by others, except for the 150mm diameter CSP outlet on the east bank of the ditch at Sta. 0+003, which shall be connected to the new tile drain by the Contractor in accordance with the Typical Tile Connection Detail found in the drawing set.

The Contractor shall connect the existing 500mm diameter CSP outlet and the existing 600mm diameter CSP surface culvert at Sta. 0+225 into the new 1200mm x 2000mm catch basin. The Contractor shall cut off the necessary length of each existing drain and use 600mm diameter HDPE pipe to connect the drains into the new catch basin.

The Contractor shall be responsible for all tile connections for a period of one year after the issuance of the completion certificate. Tile connections required to be made within this warranty period shall be made at the expense of the Contractor. After construction, the Contractor will be given the option to make any subsequent tile connections or have the Municipality make said connections and have the costs of which deducted from the maintenance holdback.

The Contractor shall supply all necessary materials to complete the connections of the existing drains to the new drain. The type of materials used to make the tributary drain connections shall be verified with the engineer.

#### **H.7. EXISTING DITCH ENCLOSURE**

The Landowner of the Huether Holdings Ltd. Property (Roll No. 9-050-00), Lot 22, Concession 9, shall import all the required approved fill material to enclose the ditch.

The Contractor shall strip all available topsoil from the sideslopes and streambed of the ditch prior to the enclosure and shall stockpile it adjacent to the ditch. Additionally, the Contractor shall strip the topsoil for a minimum width of 6m along the working side of the ditch.

The Contractor shall later spread the topsoil over the backfilled ditch and working side of the ditch.

Hydro One shall be responsible to enclose the section of ditch around the hydro tower approximately from 15m west of the tower to a point 15m east of the tower, approximate Sta. 0+102 to Sta. 0+144.



Hydro One and the Contractor shall coordinate their activities to ensure that the enclosure of the open ditch occurs such that there will be no significant time delays between segments of enclosure.

#### **H.8. CATCH BASINS AND JUNCTION BOXES**

All catch basins shall be precast concrete catch basins and shall have a 300mm sump.

All catch basin grates shall be fastened to the new catch basin and shall be hot dipped galvanized bird cage grates. Catch basin marker signs shall be erected at all catch basins.

The catch basin grate elevations shall be set to the satisfaction of the Engineer. Lifts shall be placed by the Contractor on all catch basins if necessary to achieve the desired elevation when field setting the structures.

All catch basins shall be installed using 19mm crushed stone bedding from 150mm below the structure to 150mm above the top of the highest pipe entering or exiting the structure. Structures on private property shall be backfilled using approved native material up to the underside of the topsoil layer. All backfill material shall be placed and thoroughly compacted evenly around each structure in lifts not exceeding 300mm to minimize settlement around the structures.

The Contractor shall be responsible for all settlement around catch basins. Should the area around the catch basin settle after construction, the Contractor shall be responsible for providing additional rip-rap required so that the top of the rip-rap is flush with the surrounding ground.

The Contractor shall place quarry stone rip-rap material around all sides of the catch basins and shall be placed on geotextile filter material in accordance with the attached set of drawing plans.

All holes for catch basin pipe connections to be cored by the manufacturer. All pipes entering or exiting a catch basin shall be installed such that the face of the pipe is flush with the inside wall of the structure.

The Contractor shall be responsible to repair or reapply mortar for all damaged mortared connections into any catch basin for a period of one year after the completion certificate has been issued, as determined by the Engineer.

#### **H.9. RIP-RAP**

All stone rip-rap material shall be quarry stone 150mm to 300mm diameter and placed to a depth of 450mm, unless otherwise noted. All rip-rap material shall be placed on geo-textile filter material.

The Contractor shall not use broken concrete tile as rip-rap protection.

#### **H.10. EROSION AND SEDIMENT CONTROL**

The Contractor shall provide adequate erosion and sediment control for the duration of the construction including monitoring and maintenance of the control measures put in place. The Contractor shall inspect the erosion and sediment control measures regularly, and specifically before predicted rainfall events, and after rainfall events.

#### **H.11. SEEDING**

The Contractor shall supply and spread an approved seed mixture (OPS 804 – Standard Roadside Mix) over the disturbed areas of the road right-of-way.



All seed mixtures are to be applied using the manufacturer's application recommendations.



McARTHUR MUNICIPAL DRAIN 2024

Watershed Plan

NOTES:

1. THIS MAP WAS CREATED USING COUNTY OF HURON GEOGRAPHIC INFORMATION SYSTEM DIGITAL DATA. THIS MAP IS A SECONDARY PRODUCT WHICH HAS NOT BEEN VERIFIED BY THE COUNTY OF HURON.
2. THE CONTOURS WERE CREATED USING IMAGERY DERIVED DIGITAL DATA (2015) FROM LAND INFORMATION ONTARIO.

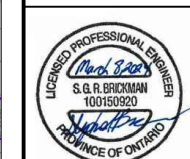
BENCHMARK DESCRIPTIONS

**BENCHMARK No. 1** ELEV.=337.51  
 TOP CENTRE UPSTREAM END OF 1200mmØ CSP ROAD CULVERT AT STA. 0+000

LEGEND

- LOT/CONCESSION LINE
- PROPERTY LINE
- MAJOR WATERSHED BOUNDARY
- MINOR WATERSHED BOUNDARY
- OVERHEAD HYDRO LINE
- HYDRO TOWER
- BENCHMARK LOCATION
- BENCHMARK No.  
BENCHMARK ELEVATION
- LANDOWNER NAME(S)
- ASSESSMENT ROLL No. (ABBREVIATED)
- AREA WITHIN WATERSHED

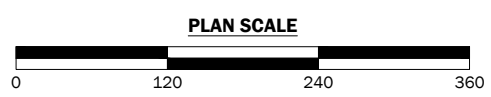
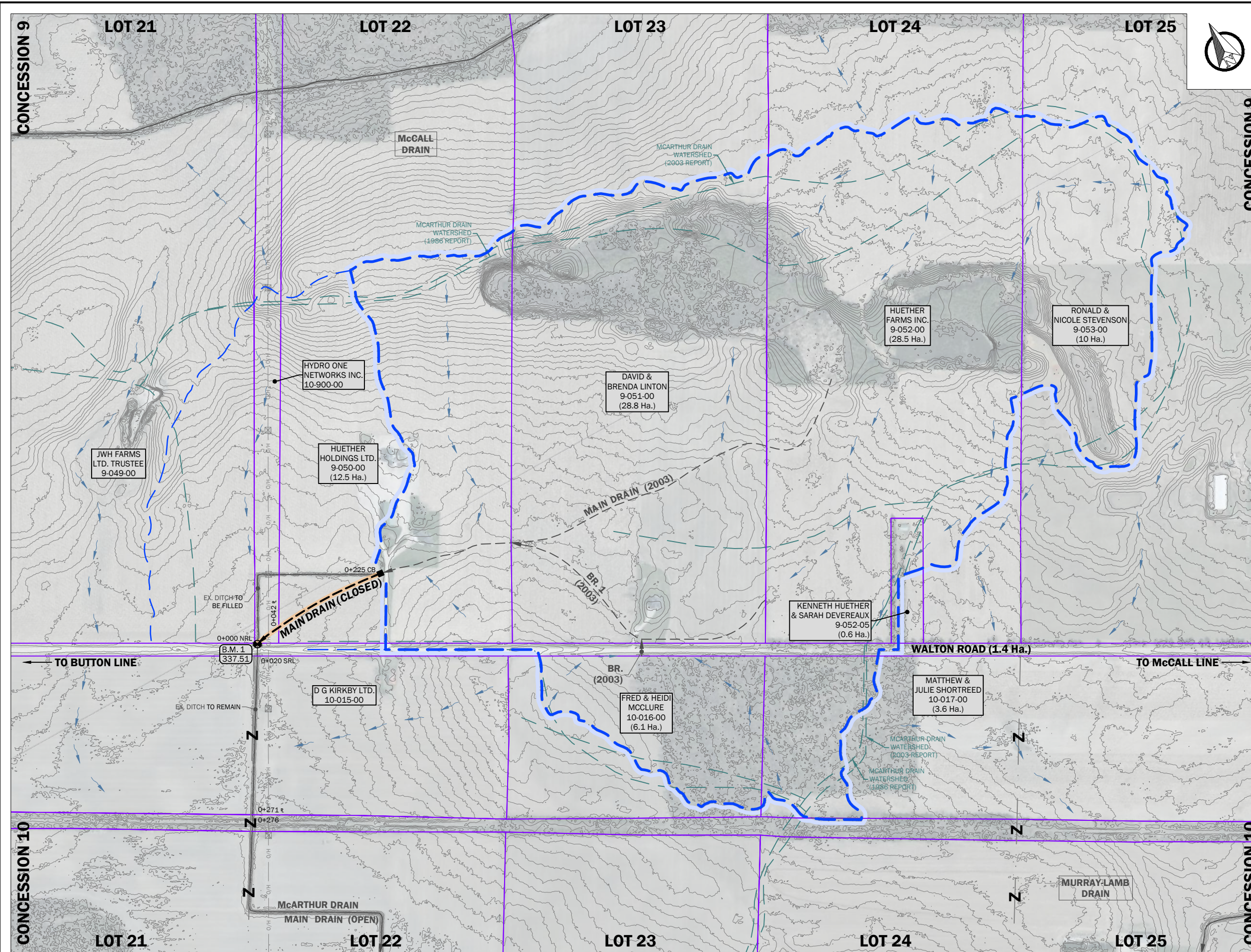
- EXISTING FEATURES:
- DRAIN NAME (---) OPEN DRAIN WITH CROSSING AND FLOW DIRECTION
  - DRAIN NAME (---) CLOSED DRAIN WITH CATCH BASIN, MANHOLE AND FLOW DIRECTION
  - OVERLAND FLOW PATH
- PROPOSED FEATURES:
- DRAIN NAME (—) OPEN DRAIN WITH CROSSING AND FLOW DIRECTION
  - DRAIN NAME (—) CLOSED DRAIN WITH CATCH BASIN, MANHOLE AND FLOW DIRECTION



3	REPORT SUBMISSION	24-03-08
2	MVCA SUBMISSION	24-03-05
1	ONSITE MEETING	24-02-01
No.	REVISION	DATE (YY-MM-DD)



DRAWN BY: R.U.	DESIGNED BY: R.U.	CHECKED BY: M.T.
DATE: 2024-03-08	REFERENCE No. MT-004	DRAWING No. 1 OF 3





McARTHUR MUNICIPAL DRAIN 2024

Work Area Plan

NOTES:

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BENCHMARK DESCRIPTIONS

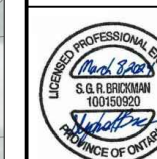
**BENCHMARK No. 1** ELEV.=337.51  
 TOP CENTRE UPSTREAM END OF 1200mmØ CSP ROAD CULVERT AT STA. 0+000

LEGEND

- LOT/CONCESSION LINE
- PROPERTY LINE
- MAJOR WATERSHED BOUNDARY
- MINOR WATERSHED BOUNDARY
- OVERHEAD HYDRO LINE
- HYDRO POLE WITH GUY WIRE
- BENCHMARK LOCATION
- BENCHMARK No.  
BENCHMARK ELEVATION
- LANDOWNER NAME(S)
- ASSESSMENT ROLL No. (ABBREVIATED)
- AREA WITHIN WATERSHED

- EXISTING FEATURES:
- DRAIN NAME** OPEN DRAIN WITH CROSSING AND FLOW DIRECTION
  - DRAIN NAME** CLOSED DRAIN WITH CATCH BASIN, MANHOLE AND FLOW DIRECTION
  - OVERLAND FLOW PATH

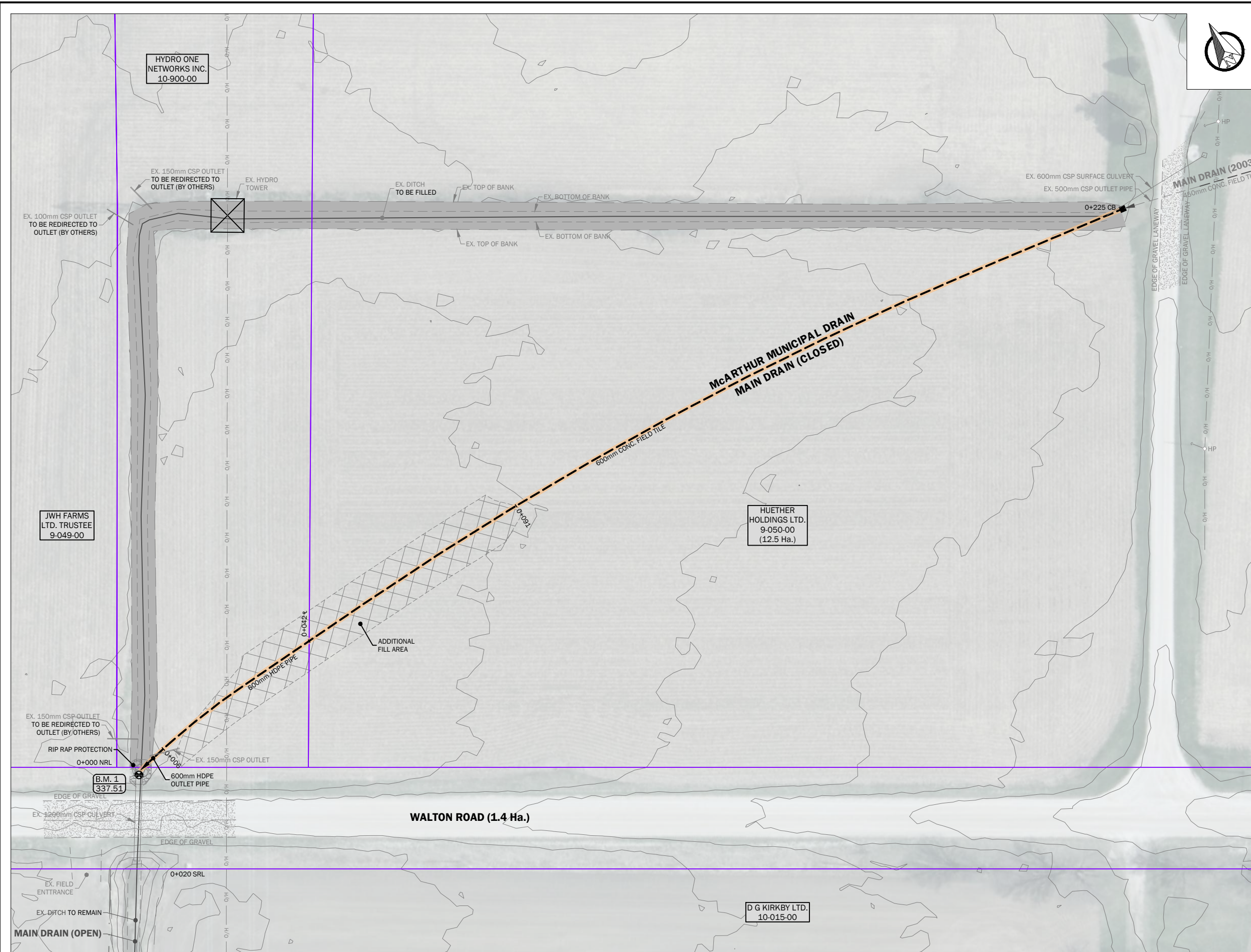
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  - DRAIN NAME** CLOSED DRAIN WITH CATCH BASIN, MANHOLE AND FLOW DIRECTION



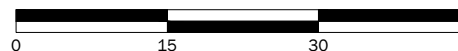
3	REPORT SUBMISSION	24-03-08
2	MVCA SUBMISSION	24-03-05
1	ONSITE MEETING	24-02-01
No.	REVISION	DATE (YY-MM-DD)



DRAWN BY: R.U.	DESIGNED BY: R.U.	CHECKED BY: M.T.
DATE: 2024-03-08	REFERENCE No. MT-004	DRAWING No. 2 OF 3



PLAN SCALE



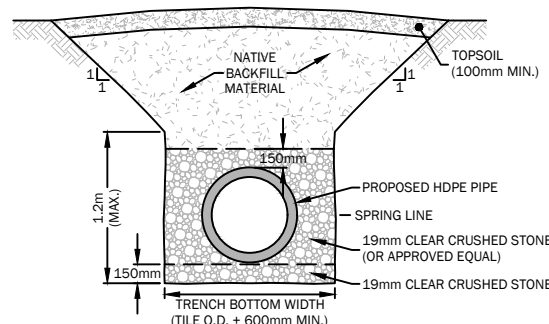


McARTHUR MUNICIPAL DRAIN 2024

Profiles & Details

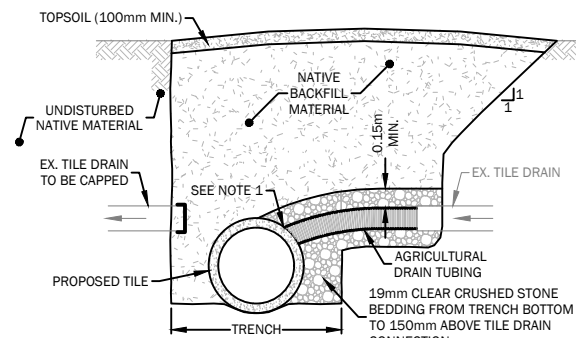
BENCHMARK DESCRIPTIONS

BENCHMARK No. 1 ELEV.=337.51 TOP CENTRE UPSTREAM END OF 1200mmØ CSP ROAD CULVERT AT STA. 0+000



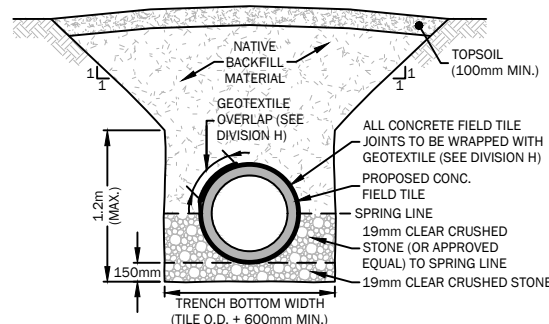
TYPICAL HDPE PIPE INSTALLATION ON STONE BEDDING DETAIL

N.T.S.



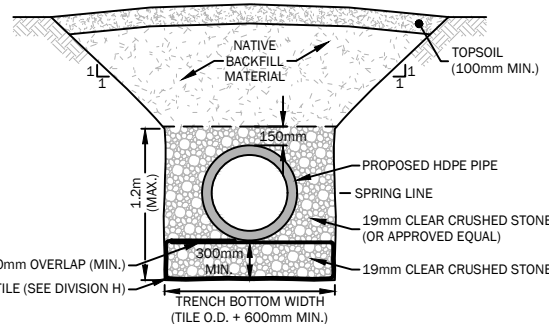
TYPICAL TILE CONNECTION DETAIL

N.T.S.



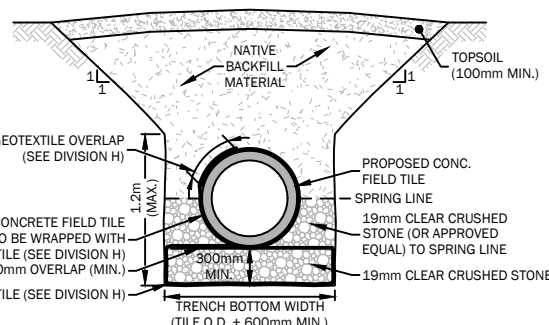
TYPICAL CONCRETE TILE INSTALLATION ON STONE BEDDING DETAIL (PROVISIONAL)

N.T.S.



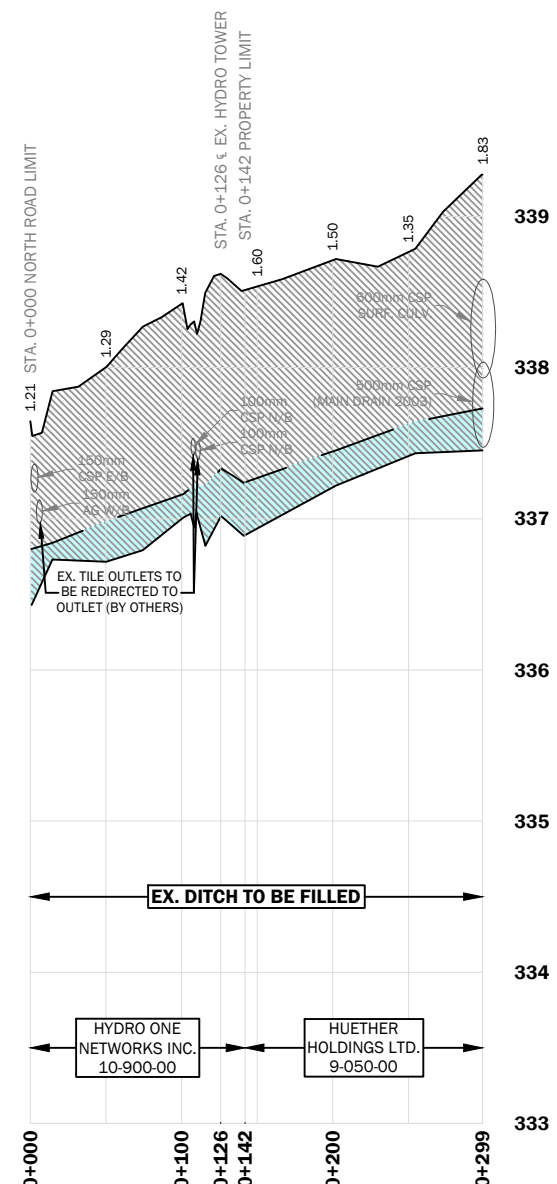
TYPICAL HDPE PIPE INSTALLATION ON WRAPPED STONE BEDDING DETAIL (PROVISIONAL ITEM)

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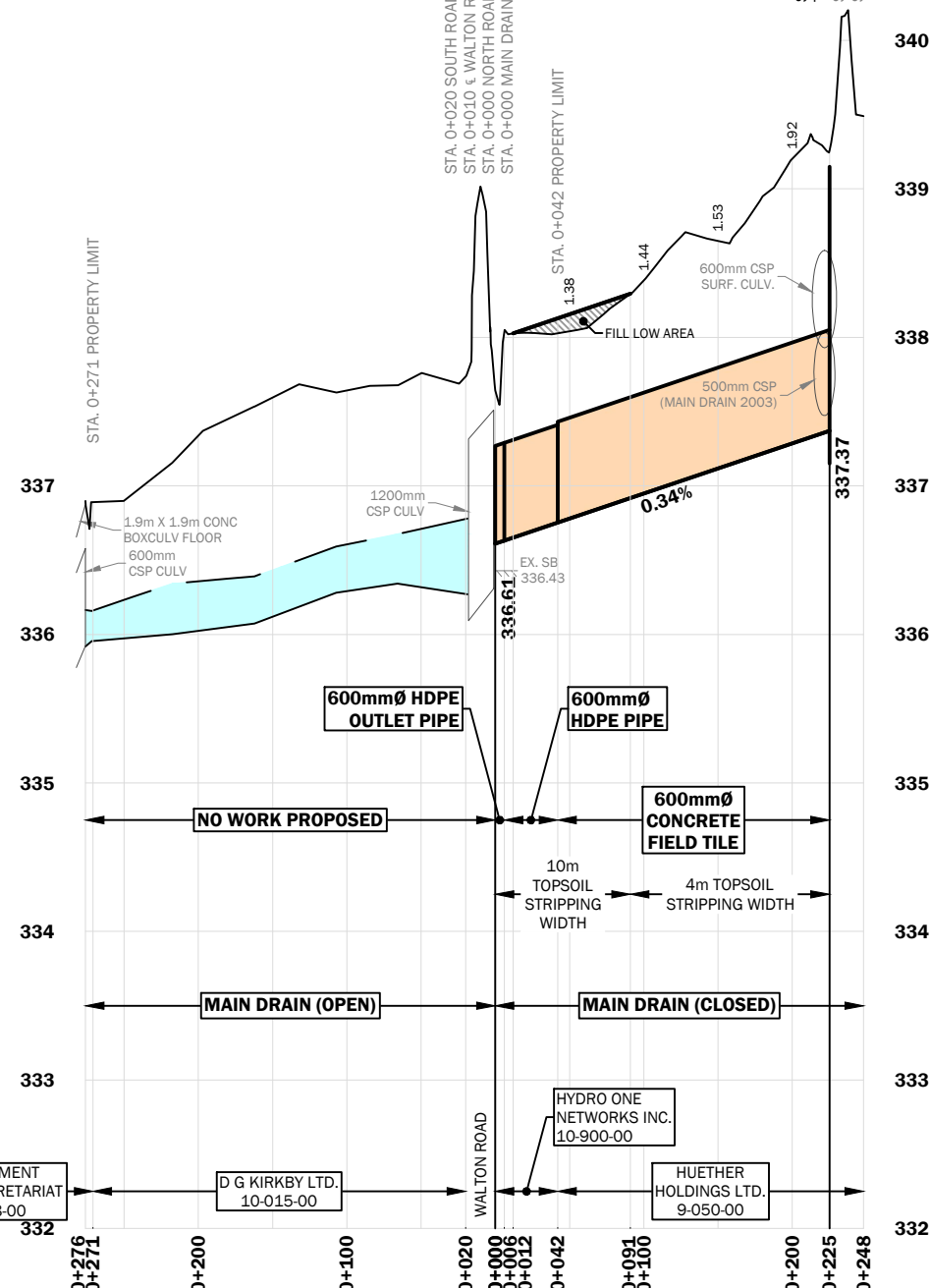


TYPICAL CONC. TILE INSTALLATION ON WRAPPED STONE BEDDING DETAIL (PROVISIONAL ITEM)

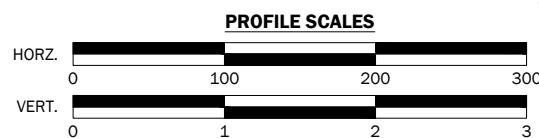
N.T.S.



EX. DITCH TO BE FILLED PROFILE



MAIN DRAIN PROFILE



SCHEDULE OF PIPE MATERIALS

MATERIAL	DIAMETER (mm)	STATION RANGE	LENGTH (m)
1. HIGH DENSITY POLYETHYLENE OUTLET PIPE	600	0+000-0+006	6
2. HIGH DENSITY POLYETHYLENE PIPE	600	0+006-0+042	36
3. CONCRETE FIELD TILE	600	0+042-0+225	183



No.	REVISION	DATE (YY-MM-DD)
3	REPORT SUBMISSION	24-03-08
2	MVCA SUBMISSION	24-03-05
1	ONSITE MEETING	24-02-01



DRAWN BY: R.U.	DESIGNED BY: R.U.	CHECKED BY: M.T.
DATE: 2024-03-08	REFERENCE No. MT-004	DRAWING No. 3 OF 3





**CORPORATION OF THE MUNICIPALITY OF MORRIS-TURNBERRY**

**BY-LAW NO. 17-2024**

---

Being a by-law to provide for drainage works in the Municipality of Morris-Turnberry in the County of Huron.

---

**WHEREAS** the Council of the Municipality of Morris-Turnberry, in the County of Huron has procured a report under section 78 of the *Drainage Act, R.S.O. 1990* for the construction of a branch of the McArthur Municipal Drain;

**AND WHEREAS** the report dated March 8<sup>th</sup>, 2024, has been authored by Headway Engineering, 23-500 Fairway Road South, Suite 308, Kitchener, Ontario, and said report is attached hereto and forms part of this by-law.

**AND WHEREAS** the estimated total cost of constructing the drainage works is \$ 129,000.00.

**AND WHEREAS** the Council of the Municipality of Morris-Turnberry is of the opinion that the drainage of the area is desirable;

**NOW THEREFORE**, the Council of the Corporation of the Municipality pursuant to the Drainage Act enacts as follows:

**1. Authorization**

The attached report is adopted. The drainage works are authorized and shall be completed as specified in the report.

**2. Borrowing**

The Corporation of the Municipality of Morris-Turnberry may borrow on the credit of the Corporation the amount of \$ 129,000.00 being the amount necessary for the construction of the Drainage Works.

This project will be debentured.

**3. Debentures**

The corporation may issue debentures for the amount borrowed less the total amount of:

- a. grants received under Section 85 of the Act;
- b. commuted payments made in respect of lands and roads assessed within the municipality;
- c. money paid under subsection 61 (3) of the Act; and
- d. money assessed in and payable by another municipality,

**4. Payment**

Such debenture(s) shall be made payable within three (3) years from the date of the debenture(s) and shall bear interest at a rate not higher than 2% more than the municipal lending rates as posted by Infrastructure Ontario on the date of sale of such debenture(s).

- a. All assessments of \$1,000.00 or less are payable in the first year in which the assessment is imposed.
- b. All assessments under \$30.00 shall be added to the municipal tax roll to be collected in the same manner and at the same time as other taxes collected.

**5. Citation**

This By-law comes into force on the final passing thereof and may be cited as the “McArthur Municipal Drain 2024 By-law.”

**Read a FIRST and SECOND time and PROVISIONALLY ADOPTED this 2<sup>nd</sup> day of April 2024.**

\_\_\_\_\_  
Mayor, Jamie Heffer

\_\_\_\_\_  
Clerk, Trevor Hallam

**Read a THIRD time and FINALLY PASSED this 4<sup>th</sup> day of June, 2024.**

\_\_\_\_\_  
Mayor, Jamie Heffer

\_\_\_\_\_  
Clerk, Trevor Hallam

# MUNICIPALITY OF MORRIS-TURNBERRY

## REPORT TO COUNCIL

**TO:** Mayor and Council

**PREPARED BY:** Kim Johnston, Deputy Clerk

**DATE:** April 2, 2024

**SUBJECT:** Community Safety and Well Being Plan - Campaign

---

### **RECOMMENDATION**

That Council receive the report on the Huron County Community Safety and Well Being Plan for information purposes.

### **BACKGROUND**

December 19<sup>th</sup>, 2023, Council received the report regarding the Huron County Community Safety and Well Being plan and the 2024 Action plan.

### **2024 Action Plan**

The Oversight Committee identified 4 campaigns for 2024, each prioritizing one of the Priority Areas. Each Municipality is expected to participate in all 4 campaigns so that shared messaging and information is distributed to all Huron County residents during the same time period in order to make the greatest impact. It should be noted that municipalities are not limited to these 4 campaigns and may create or participate in additional campaigns as their own municipality's needs and abilities dictate.

The campaign for the first quarter of 2024 related to Mental Health and Addictions; the campaign for the second quarter relates to Domestic and Family Violence; the campaign for the third quarter relates to Community Security; and the final campaign relates to Housing and Homelessness.

The Community Safety and Well-Being Plan launched its first campaign focused on Mental Health and Addiction on January 19, 2024, with a press meeting at the Clinton Libro Hall at 1 PM. Members of the Mental Health and Addiction Ad Hoc Committee spoke to the media about the launch and the focus of the campaign.

The Community Services magnets with the Huron Perth Helpline and Crisis Response Team phone number were distributed with our Municipal tax bill mailout.

The second campaign for the Community Safety and Well-Being Plan for Huron County runs from April 1 to June 30, 2024.

The focus of this campaign is Intimate Partner Violence. The theme is to educate residents of Huron County on the definition of Intimate Partner Violence, some statistics, warning signs, support individuals can provide, and resources available.

Municipal councils will also be encouraged to declare intimate partner violence an epidemic in their communities.

A large focus of the campaign will be encouraging local businesses to take Intimate Partner Violence training, learn about their obligations under the Occupational Health and Safety Act, and how to create a safe workplace. This "Make it Our Business" training is free.

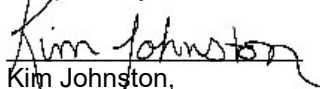
Additionally, residents of Huron County will be encouraged to take the free one (1) hour online training entitled "Neighbours, Friends and Families" which is a public education campaign to raise awareness about intimate partner violence so that those close to someone at risk or to someone using abusive behaviour, can help.

A press event and press release was held on March 25 at 1:00 PM at Goderich Town Hall in the Menesetung Room, with an ask that all stories be held until April 2, 2024, to coincide with the launch of the campaign.

### **OTHERS CONSULTED**

Huron County CSWB Working Group  
Trevor Hallam, CAO/Clerk

Respectfully submitted,

  
Kim Johnston,  
Deputy Clerk

Encl.

Schedule "A" – Campaign 2 – Domestic and Family Violence  
Schedule "B" – Press Release for April 1, 2024

# HURON COUNTY COMMUNITY SAFETY AND WELL-BEING PLAN

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## Campaign 2 – Domestic and Family Violence (April 1, 2024 – June 30, 2024)

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### 1. Focus, Theme and Audience

The focus of this campaign is **Intimate Partner Violence**.

The theme of this campaign is to educate residents of Huron County on the definition of Intimate Partner Violence, warning signs and support individuals can provide, statistics from Huron County, and resources available.

The messages are intended for a general audience.

### 2. Launch and Press Op

A press event and launch will be held at the Goderich Town Hall on March 25, 2024, at 1:00 p.m. M. Johnston is contacting press to attend with the Ad Hoc Committee members to discuss the launch of the second campaign for 2024. The Press will be asked to run the story on April 2, 2024 to coincide with the start of the campaign.

A Press Release will be drafted by the Women’s Shelter and provided to various news outlets and reporters for publication.

A second Press Release and newspaper advertisement will be published towards the end of the campaign as a wrap-up of the campaign. It would be informative to indicate how many people took training during the campaign, highlight any anecdotes or comments on how the campaign helped individuals, if any/all municipalities declared IPV an epidemic during the campaign, etc.

### 3. Messaging

Each municipality is asked to share the messaging prepared below on the days indicated. This can be done internally and externally:

- Municipal employees (email)
- Posting in lunchrooms and workplaces
- Intranet
- Corporate Facebook
- X (Twitter)
- TikTok
- Snapchat
- Corporate website

#### **4. Training Video**

There is a free training videos embedded in the messaging below.

In addition to posting on social media, it is encouraged for municipalities and organizations to encourage employees to take the training during this campaign.

---

#### **Neighbours, Friends and Families**

<https://www.neighboursfriendsandfamilies.ca/>

Everyone has a role to play in ending intimate partner violence. Neighbours, Friends and Families is a 1 hour FREE public education campaign to raise awareness of the signs of intimate partner violence so that those close to someone at risk or to someone using abusive behaviours can help. It engages the power of everyday relationships to help keep people and their children safe.

---

#### **5. Support Brochure**

The Victim Services support brochure can be provided to employees, Council, made available at Town Hall and other public spaces throughout the municipality.

#### **6. Hashtags**

These hashtags have been used previously by the Huron County CSWB Plan: #CSWB #CSWBHuronCounty #LocalCSWB

#### **7. Open House or Town Hall event**

There will not be an open house or Town Hall event associated with this campaign.

#### **8. Live Training Event**

Kristin Crane from United Way Perth-Huron will be organizing a live training event for those that wish to attend. Date to be determined.

#### **9. Recommendations to Municipal Implementation Teams for circulation and distribution**

In addition to circulating the below messaging, municipalities are requested to share the messaging once it is available on their corporate website, through social media channels, with their employees and Council, and with public spaces in their community i.e., schools, libraries, seniors centres, recreation centres, sports teams or leagues (coaches), churches, the Legion, etc.

Specific messages can be printed, laminated and distributed throughout the community for added impact.

## **10. Recommendation to Municipal Councils**

In addition to the above, it is a recommendation from the Domestic and Family Violence Ad Hoc Committee to the lower-tier municipalities to declare Intimate Partner Violence as an epidemic during the course of this campaign (by June 30, 2024). Should a Council wish to have a delegation with respect to this issue, arrangements can be made to do so. Additionally, a sample declaration can be provided.

DRAFT

# MUNICIPALITY OF MORRIS-TURNBERRY

## REPORT TO COUNCIL

**TO:** Mayor and Council

**PREPARED BY:** Kim Johnston, Deputy Clerk

**DATE:** April 2, 2024

**SUBJECT:** Morris-Turnberry Occupational Health and Safety Manual

---

### **RECOMMENDATION**

For Council information.

### **BACKGROUND**

The Municipality of Morris-Turnberry has taken part in the WSIB Health and Safety Excellence Program since 2022.

Morris-Turnberry completed the first action plan on April 3, 2023. This action plan included the policies Leadership and Commitment as well as Roles and Responsibilities.

The Joint Health and Safety committee met on June 21, 2023 and made a motion to adopt five additional foundational policies of the Health and Safety Excellence program, for the double rebate, to be completed by December 31, 2023.

These policies included Health and Safety Communication, Health and Safety Participation, First aid, Injury, Illness and Incident Reporting and Incident Investigation and Analysis.

Council passed Bylaw 46-2023 on 5<sup>th</sup> day of September, 2023 adopting the following policies to be implemented into the Morris-Turnberry Health and Safety manual:

- Leadership and Commitment, Roles and Responsibilities
- Health and Safety Communication
- Health and Safety Participation
- First Aid in the Workplace
- Injury, Illness, and Incident Reporting, and
- Incident Investigation and Analysis.

### **COMMENTS**

The Municipality of Morris-Turnberry has completed and trained staff on all six(6) topics under the Health and Safety Excellence program.

In 2023, we received \$2000.00 for completing the first action plan with an additional \$2000.00 due to the double rebate.

The second action plan, which included the additional 5 policies, was closed on February 3, 2024.

Since the action plan was completed and closed during the double rebate timeframe, Morris-Turnberry is expected to receive \$5000.00 for the topics completed as well as an additional \$5000.00 with the double rebate.

A report went to the Municipal Joint Health and Safety committee to receive recommendations on topics to be completed in 2024.

The JHSC made the following motion at their March 20, 2024 meeting:

Motion 2 – 2024

Moved by: Trevor Hallam

Seconded by: Mike Alcock

“That the Joint Health and Safety Committee recommends that the following policies be completed with the WSIB Excellence program in 2024:

- Workplace inspections,
- Hazard Reporting, and
- Control of hazards – basics

And direct to return with the draft policies for consideration the next meeting of the JHSC

Disposition

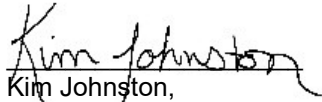
Carried.

Once the policies are drafted and approved by the JHSC, the policies with a bylaw will be brought back to Council for approval.

**OTHERS CONSULTED**

Municipal Joint Health and Safety Committee  
Shelly Hurry, Health and Safety consultant with PSHSA  
Trevor Hallam, CAO/Clerk

Respectfully submitted,

A handwritten signature in black ink that reads "Kim Johnston". The signature is written in a cursive style with a long, sweeping underline.

Kim Johnston,  
Deputy Clerk



# MUNICIPALITY OF MORRIS-TURNBERRY

## REPORT TO COUNCIL

**TO:** Mayor and Council  
**PREPARED BY:** Mike Alcock, Director of Public Works  
**DATE:** April 2<sup>nd</sup>, 2024  
**SUBJECT:** Public Works Operations Report

---

### **RECOMMENDATION**

That the Council of the Municipality of Morris-Turnberry receive the Public Works Operations Report for information.

### **Executive Summary:**

This report is intended to provide Council with an outline of Public Works Staff operations:

- Routine Road Patrols are being completed as scheduled and / or as required.
- Regular Winter Patrols to check for winter related conditions will continue as necessary when weather monitoring indicates the need for patrols.
- Public works staff is taking advantage of the weather conditions to complete some Tree cutting along Municipal roads when time and weather permits.
- Winter maintenance has been ongoing even though we have had several periods of thawing conditions over the entire winter. Our worst winter storm hit us in March this year. Plowing snow and ice blading is completed when necessary.
- The condition this winter did not provide for a lot of frost in the roads, but there was still plenty of moisture. Public Works has been able to grade roads on occasions when the roads were dry enough to grade. Freeze thaw cycles and rain are continuing to cause damage to roads. We will grade roads when there is a suitable amount of moisture to make improvements.
- Similarly, the mild wet winter has also led to the need to repair more potholes in hard surfaced roads than usual.
- Shop maintenance and vehicle maintenance is being completed as time permits and as required.
- R.J. Burnside and Associates have completed the Belgrave Storm Sewer Master Plan.
- Summer students have been interviewed. We have one summer student returning from last year and Public Works is deciding on the second.
- AJN Builders intends on getting an early start on the structure rehab on Moncrieff Road. We expect them to start within the next 2 weeks.

Respectfully submitted,



Mike Alcock,  
Director of Public Works

# MUNICIPALITY OF MORRIS-TURNBERRY

## REPORT TO COUNCIL

**TO:** Mayor and Council

**PREPARED BY:** Kirk Livingston, Chief Building Official

**DATE:** February 29<sup>TH</sup>, 2024

**SUBJECT:** Property Standards and By-Law Enforcement Report for January and February 2024

---

### **RECOMMENDATION**

THAT the Council of the Municipality of Morris-Turnberry hereby receive the Chief Building Officials report on Property Standards & By-Law Enforcement for the months of January and February 2024 as submitted for information purposes.

### **BACKGROUND**

The Building Department's main objective is to provide the best professional service to administer and enforce the Ontario Building Code along with any Municipal By-Laws. Through the examination of plans, issuance of building permits, reviewing bylaws, and performing inspections, we ensure compliance with building standards of the Ontario Building Code and compliance with Municipal By-Laws to ensure health and safety, fire protection and structural sufficiency in all buildings in the Municipality.

The findings outlined below provided by Bruce Brockelbank, Property Standards and By-Law Enforcement Officer.

### **COMMENTS**

#### **By-law Enforcement – New Complaints**

- Parker Drive – I received a complaint about a dog attacking another dog.
- Lowertown – I received a complaint about a dog continually barking and left outside.

#### **Outstanding Files and Ongoing Investigations**

- Blyth Road – CBO has given several company names that do cleanup for other Municipalities. I will be contacting each company to see what they offer so a time can be set up as soon as the weather allows. As the property standards order was not complied with, we will bring property in compliance.
- Blyth Road – CBO has given several company names that do cleanup for other Municipalities. I will be contacting each company to see what they offer so a time can be set up as soon as the weather allows. As the property standards order was not complied with, we will bring property in compliance.
- Brussels Line – CBO has given several company names that do cleanup for other Municipalities. I will be contacting each company to see what they offer so a time can be set up as soon as the weather allows. As the property standards order was not complied with, we will bring property in compliance.
- Browntown Road – Kirk has completed a final inspection for the building permit issued for a kennel, and I have done a final inspection of the kennel to ensure compliance with the animal control bylaw, therefore a kennel license will be sent out to the owner.
- Parker Drive – I contacted the owner of the dog that was attacked for more information on the attack including day, time, and what happened. The owner of the attacking dog had paid the vet bill for the injured dog at the time of my call. I attended the property where the attacking dog was being harboured. The owner was charged with no dog tag and dog running at large. The owner was asked to also prove the dog was current and up to date on shots, and to obtain a

tag for the current year. The owner has visited the Municipal office with the information needed to purchase a tag.

- Josephine St – I sent out property standards order to remove the foundation and fill in the holes that were not noticed until the grass was cut by a contractor. I have given the owner a spring deadline due to the difficulty of finding a contractor to do the work.
- I am working on a new parking bylaw as requested because we have two; one for Morris and one for Turnberry, so they are not enforceable. The first draft has been sent to Kirk for comments and any revisions.
- I have started working on a new sign bylaw as requested by Kirk since our sign bylaw is not enforceable due to its age.
- Kennel inspections are almost complete for 2024 and are back on schedule as per the previous Animal Control Officer.

Respectfully submitted,

A handwritten signature in blue ink, appearing to read "Kirk Livingston", is written over a horizontal line.

Kirk Livingston  
Chief Building Official

# MUNICIPALITY OF MORRIS-TURNBERRY REPORT TO COUNCIL

**TO:** Mayor and Council

**PREPARED BY:** Kirk Livingston, Chief Building Official

**DATE:** March 25, 2024

**SUBJECT:** Building Department Activity Report for January and February 2024

---

## **RECOMMENDATION**

THAT the Council of the Municipality of Morris Turnberry hereby receive the Building Department Activity Report for January and February 2024, for information purposes.

## **BACKGROUND**

The Building Departments main objective is to provide the best professional service to administer and enforce the Ontario Building Code. Through the examination of plans, issuance of building permits, and performing inspections, we ensure compliance with building standards of the Ontario Building Code and ensure health and safety, fire protection and structural sufficiency in all buildings in which we live, work and play.

The Chief Building Official provides bi-monthly updates to Council on the operations of the Building Department.

## **COMMENTS**

Permit #	Permit Type	Value of Project	Sq. Feet New Const.	Status
0001 -2024	Open Covered Porch	\$ 3,500.00	192	issued
0002 -2024	Demolition	\$ 5,000.00	0	issued
0003 -2024	Alteration/Renovation/Repair	\$ 210,000.00	1400	issued
0004 -2024	Agricultural Storage Shed	\$ 20,000.00	2760	issued
0005 -2024	Plumbing	\$ 33,000.00	375	issued
0006 -2024	New Residential Dwelling	\$ 250,000.00	1058	issued
0007 -2024	Agricultural Storage Shed	\$ 90,000.00	3200	issued
0008 -2024	On Site Sewage System	\$ 18,000.00	1875	issued
0009 -2024	Deck	\$ 50,000.00	1267	issued

**Total Value of Construction to date;** \$679,500.00 with 9 building permits being issued  
(Last year; \$776,000.00 with 8 building permits being issued)

**Zoning Certificates issued for this year;** 10 (Last year 4)

Respectfully submitted,



Kirk Livingston  
Chief Building Official

# MUNICIPALITY OF MORRIS-TURNBERRY

## REPORT TO COUNCIL

**TO:** Mayor and Council  
**PREPARED BY:** Chad Kregar, CEMC  
**DATE:** April 2, 2024  
**SUBJECT:** Military Training Exercise in Huron and Bruce Counties

---

### **RECOMMENDATION**

For information only.

### **INTRODUCTION**

This report outlines the details of a planned military training exercise that will take place throughout Huron and Bruce Counties in May 2024. The Huron County Community Emergency Management Coordinator (CEMC) and the Town of Goderich CEMC have been informed by the Canadian Military regarding this exercise.

### **DETAILS OF THE EXERCISE**

The Canadian Military has notified Huron County and Town of Goderich CEMCs of a planned training exercise to occur from May 3rd to May 5th, 2024.

Military personnel and equipment will arrive in the region in late April to prepare for the training exercises.

The primary military presence locally will be in Blyth and Wingham, where up to 400 troops will be stationed during the exercise.

While Blyth will serve as the main hub, the training exercise may involve multiple communities throughout Huron and Bruce counties, including but not limited to: Blyth, Goderich, Clinton, and Hensall.

### **INFORMATION SHARING**

The Military and CEMCs will provide further details about the exercise as they become available. Additionally, residents are encouraged to stay tuned for radio and social media posts regarding planned events and updates related to the exercise. It is important to note that residents should not be alarmed by the presence of military personnel in the area. This exercise is part of routine training operations and is not indicative of any emergency or threat to public safety.

### **CONCLUSION**

In conclusion, Huron County and Goderich CEMCs have been informed of a planned military training exercise in May 2024, which will involve various communities throughout Huron and Bruce Counties. Residents are advised to remain calm and reassured as the exercise progresses. Further updates will be provided as additional information becomes available.

Should you have any questions or require further clarification, please do not hesitate to contact Chad Kregar or Michaela Johnston.

### **OTHERS CONSULTED**

Trevor Hallam, CAO

Thank you for your attention to this matter.

\_\_\_\_\_'Original Signed By'  
Chad Kregar  
Morris-Turnberry Community Emergency Management Coordinator



# Municipality of Morris-Turnberry

2024 Budget Update

April 2, 2024



# 2024 Budget Draft Update

## **HE Budget Meeting was held on March 19, 2024**

- Copies of Draft Cemetery, Fire & Recreation Budgets were received

## **Tab 14 – Grants**

- HE Cemetery Budget shows MT @ \$9,356
  - Decrease of \$644 from March 5 draft



# 2024 Budget Draft Update

## **Tab 11 – Fire**

### Huron East

- 2024 Operating Levy \$99,504
  - \$16,731 decrease from March 5 draft estimate

## **Tab 11 – Fire – MT's Reserves**

- Received Updated Capital Plan from Huron East
- Expanded Fire Projections for 40 years (2064)
- Pumper Truck moved from 2026 to 2028 (\$750,000 x 45%=\$337,500)





# 2024 Budget Draft Update

## Tab 11 – Fire – MT’s Reserves

<b>Fire Reserve Projections @ \$120,000/yr</b>	<b>Actuals</b>	<b>Projected</b>	<b>Projected</b>	<b>Projected</b>	<b>Projected</b>	<b>Projected</b>
	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>
Open	604,733	561,655	296,297	377,017	434,435	522,753
Contribution	78,441	120,000	120,000	120,000	120,000	120,000
Withdrawals	(151,785)	(408,320)	(57,300)	(84,300)	(57,300)	(398,550)
	531,388	273,335	358,997	412,717	497,135	244,204
Y/E Interest	30,267	22,962	18,021	21,718	25,618	21,091
Closing Balance	561,655	296,297	377,017	434,435	522,753	265,295



# 2024 Budget Draft Update

## Tab 15 – Recreation

### Huron East

- 2024 Operating Levy \$101,744
  - \$7,924 increase from March 5 draft estimate
- Received updated Capital Plan from Huron East
- Following Adjustments were made to MT Projections:
  - Expanded MT's projections from 5 years to 15 years
  - 2024 Brussels Ball Diamond Regrading \$50,000 x 20% = \$10,000
  - Ice Resurfacer originally in 2027, now in 2025 (\$125,000 x 20% =\$25,000)



# 2024 Budget Draft Update

## Tab 15 – Recreation – MT’s Reserves

<b>Rec Reserve Projections @ \$20,000/yr</b>	Actual	Projected	Projected	Projected	Projected	Projected
	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>
Open	126,930	154,106	75,450	74,462	88,833	103,994
Contribution	20,000	20,000	20,000	20,000	20,000	20,000
Withdrawals	-	(104,800)	(25,000)	(10,000)	(10,000)	(20,000)
	146,930	69,306	70,450	84,462	98,833	103,994
Interest Estimate	7,176	6,144	4,012	4,370	5,161	5,720
Closing Balance	154,106	75,450	74,462	88,833	103,994	109,713



# 2024 Draft Budget Tax Rates

## Tab 18 – Tax Rates - Net Levy Changes from March 5 Draft

HE Cemetery Grant	\$ 644	Decrease
HE Operating Fire Levy	\$ 16,731	Decrease
HE BMG Operating Levy	<u>\$ 7,924</u>	Increase
Net MT Tax Levy Change	\$ 9,451	Decrease



# 2024 Draft Budget Tax Rates

## Tab 18 – Tax Rates

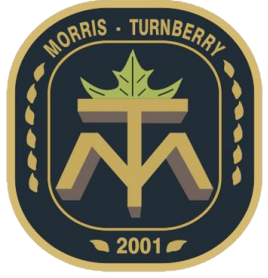
	Draft #2
<u>2024 Morris Turnberry</u>	<u>March 5/24</u>
- Levy Increase of \$159,872 or 3.35%	3.55%
- Requiring Rate increase of 3.68%	3.88%
- Resulting in a blended rate of increase of 3.59%	3.71%



# 2024 Budget Draft Update

## **Best Estimates Available:**

- 2024 Huron East Cemetery Levy
- 2024 Huron East Fire Levy
- 2024 Huron East BMGCC Operating Levy



Questions & Comments?



# Municipality of Morris-Turnberry

2024 Budget

Public Budget Meeting

April 2, 2024





# Budget Timeline

The Budget Process Commenced on:

- December 19, 2023 – 1<sup>st</sup> Draft to Council
  - January 9, 2024 – 1<sup>st</sup> Budget Meeting
  - March 5, 2024 – 2<sup>nd</sup> Budget Meeting
  - April 2, 2024 – 3<sup>rd</sup> Budget Meeting & Public Meeting
- 
- Following Public Meeting, Council may give consideration to a By-Law to adopt the 2024 budget



# 2024 Capital Projects

## Belgrave Water System

- Desktop & SCADA Software update \$ 15,000
  - Funded with Belgrave Water Reserves

## Morris Landfill

- Site Development for Future Landfill \$ 25,000
- Heated Portable Unit \$ 6,500
  - Funded with Morris Landfill Reserves



# 2024 Capital Projects

## Paving Projects

• Lowertown Paving - Kate St, Princess St & Mary St	\$ 75,000
• Josephine St North Paving	\$155,000
• Brandon Road Surface Treatment	\$195,000
• Salem Rd Surface Treatment	\$105,000
• Turnberry-Culross Surface Treatment	<u>\$ 75,000</u>
	Total \$605,000
Less: 2024 CCBF - Lowertown & Josephine St. N.	(112,870)
Less: 2024 OCIF - Brandon Rd, Salem Rd.	<u>(219,300)</u>
Net Cost to Ratepayers	\$272,830

CCBF – Canada Community Building Fund (formally known as the Federal Gas Tax Fund)



# 2024 Capital Projects

## Bridge & Culvert Projects

• T100 - Bridge Repair on Salem - Engineering	\$ 20,000
• M070 - Culvert Repair on Moncrief Rd - Repairs	<u>\$ 120,000</u>
Total Bridge Construction Costs	\$ 140,000
Less: 2024 OCIF - M070 Culvert	<u>(\$ 87,860)</u>
Net Bridge & Culvert Capital Costs to Ratepayers	\$ 52,140

- Biennial Bridge Inspection Report \$7,000
  - Funded by Asset Management Reserve



# 2024 Capital Costs - Fire

## Brussels Fire

- Fire Hall Renovation & Parking Lot Expansion \$168,500
- 2024 Capital & Equipment \$ 38,100
- 2023 Delayed Capital & Equipment \$120,750

## North Huron Fire

- 2024 Equipment \$ 50,970
- Total Fire Capital Costs \$378,320

Fire Reserves used to fund these capital costs



# 2024 Capital Costs - Recreation

## 2024 Recreation Capital Costs

- BMGCC - Brine Pump & Electrical Panel \$ 30,000
- BMG Pool - Pool Deck & Filters \$ 9,400
- BMG Parks - Ball Diamond Regrading \$ 10,000

## Delayed 2023 Recreation Capital Costs

- BMGCC 2023 Boiler & Oil Separator Repairs \$ 10,400
  - BMGCC 2023 Parking Lot \$ 40,000
- Total Recreation Capital Costs \$104,800

Recreation Reserves used to fund these capital costs



# 2024 Recreation - North Huron Support

## 2024 North Huron Recreation Support

NHWCC - Arena	\$ 34,488
NHWCC - Swimming Pool	\$ 34,066
Blyth Arena	<u>\$ 17,545</u>
Total Support Provided to NH Recreation	\$ 122,935



# 2024 Reserves - Net Contribution of \$73,110

<b>Reserve Balance Summary</b>	<b>2023 Closing Balance</b>	<b>2024 Budgeted Contributions</b>	<b>2024 Budgeted Withdrawals</b>	<b>2024 Budgeted Closing Balance</b>
Working	918,027.69	25,000	(67,400)	875,627.69
Health Benefit	11,425.00	-	-	11,425.00
Landfill	305,476.99	58,000	(31,500)	331,976.99
Recreation & Grants	271,481.27	26,400	(222,175)	75,706.27
Roads	2,218,864.36	769,300	(29,000)	2,959,164.36
Fire	561,654.85	142,600	(408,320)	295,934.85
Policing	31,233.06	10,000	(13,578)	27,655.06
Building Department	105,000	10,000	(45,221)	69,779.00
Development	979,731.10	-	(224,931)	754,800.10
Education	50,196.60	-	-	50,196.60
Physician Recruitment	8,845.00	-	-	8,845.00
Parks & Cemetery	62,578.18	6,000	-	68,578.18
Belgrave Water System	248,151.90	82,835	(30,000)	300,986.90
Streetlights	88,043.72	15,100	-	103,143.72
<b>Total</b>	<b>5,860,709.72</b>	<b>1,145,235</b>	<b>(1,072,125)</b>	<b>5,933,819.72</b>





# 2024 Municipal Tax Levy

## Municipal Tax Levy

2024

\$4,932,595

2023

\$4,772,723

Increase of

\$ 159,872 or 3.35%



# 2024 Residential Tax Rate

	<u>2024</u>	<u>2023</u>		
Municipal	0.00916264	0.00883724	3.68%	Increase
County	0.00523593	0.00500913	4.53%	Increase
Education	<u>0.00153000</u>	<u>0.00153000</u>	<u>0.00%</u>	No Change
Total	0.01592857	0.01537637	3.59%	Increase



# 2024 Taxes on Average Home

Assessment on Average Single-Family Home in MT is \$226,031

2024 Estimated Taxes	\$3,600.35
2023 Estimated Taxes	<u>\$3,475.54</u>
Increase of	\$ 124.81 or 3.59%



# 2024 BUDGET

# MUNICIPALITY OF MORRIS-TURNBERRY

1 <sup>st</sup> Draft to Council	- December 19, 2023
1 <sup>st</sup> Budget Mtg	- January 9, 2024
2 <sup>nd</sup> Draft & Mtg	- March 5, 2024
Public Meeting	- April 2, 2024
Final Budget & Bylaw	

Municipality of Morris-Turnberry  
2024 Budget  
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<b>Municipality of Morris-Turnberry 2024 Budget</b>						
	<b>2022 Actual</b>	<b>2023 Budget</b>	<b>2023 Actual</b>	<b>2023 Variance</b>	<b>2024 Budget</b>	<b>2024 Variance</b>
<b>REVENUE:</b>						
<b>Taxation:</b>						
Municipal Portion	4,461,204.17	4,772,723	4,772,721.73	(1.27)	4,932,595	159,872
County	2,472,737.19	2,705,278	2,680,545.60	(24,732.40)	2,818,698	113,420
Education	1,124,091.37	1,158,968	1,157,422.12	(1,545.88)	1,175,359	16,391
<b>Total Taxation</b>	<b>8,058,032.73</b>	<b>8,636,969</b>	<b>8,610,689.45</b>	<b>(26,279.55)</b>	<b>8,926,652</b>	<b>289,683</b>
<b>Taxation Adjustments:</b>						
Supplementary Tax Billings	55,734.01	50,000	61,550.63	11,550.63	50,000	-
Tax Rebates & W/O	(84,215.39)	(85,000)	(112,621.58)	(27,621.58)	(85,000)	-
Payments In lieu of tax	42,044.38	43,000	43,089.86	89.86	43,000	-
Street Lights	36,633.64	24,500	28,506.68	4,006.68	24,660	160
<b>Grants:</b>						
Ontario Municipal Partnership Fund (OMPF)	385,000.00	369,800	369,800.00	-	365,900	(3,900)
Court Security	1,207.00	1,177	1,165.00	(12.00)	1,139	(38)
Drain Superintendent Grant	10,419.11	16,280	11,374.96	(4,905.04)	17,760	1,480
Gravel Royalties	23,569.02	20,000	29,995.09	9,995.09	24,000	4,000
Canada Community Building Fund	110,876.18	115,697	115,696.88	(0.12)	112,870	(2,827)
OCIF - Ontario Community Infrastructure Fund	232,257.00	267,096	267,096.00	-	307,160	40,064
Waste Grants	47,231.76	45,000	52,473.84	7,473.84	13,000	(32,000)
ICIP - Investing in Canada Infra. Program (M230)	815,462.06	27,990	13,918.68	(14,071.32)	-	(27,990)
Enabling Accessibility Fund (Hall Door)	-	8,194	8,194.00	-	-	(8,194)
Modernization Fund Intake 2 (Radio System)	58,500.00	-	-	-	-	-
Early Investment in Education & Skills (NWMO)	25,000.00	-	-	-	-	-
FCM Asset Management Grant	-	-	50,000.00	50,000.00	-	-
Vance Foundation - WGCC Upgrades	-	-	117,375.00	117,375.00	-	-
<b>Interest:</b>	<b>158,474.52</b>	<b>194,279</b>	<b>337,422.59</b>	<b>143,143.59</b>	<b>338,957</b>	<b>144,678</b>
<b>HST Recovered &amp; Collected on Sales</b>	<b>450,901.04</b>	<b>405,000</b>	<b>381,568.98</b>	<b>(23,431.02)</b>	<b>405,000</b>	<b>-</b>

<b>Municipality of Morris-Turnberry 2024 Budget</b>						
	<b>2022 Actual</b>	<b>2023 Budget</b>	<b>2023 Actual</b>	<b>2023 Variance</b>	<b>2024 Budget</b>	<b>2024 Variance</b>
<b>Municipal Drains:</b>						
Drain Maintenance Recoveries	143,972.27	128,000	163,194.75	35,194.75	100,000	(28,000)
Capital Projects Recoveries	252,040.73	791,800	522,269.41	(269,530.59)	732,000	(59,800)
<b>Building Department:</b>	207,813.51	183,680	164,030.36	(19,649.64)	177,600	(6,080)
<b>Property Standards:</b>	830.00	640	5,046.19	4,406.19	640	-
<b>Belgrave Water System:</b>						
Water User Fees	186,589.47	189,435	189,435.21	0.21	197,585	8,150
New User Connection Fees	200.00	500	-	(500.00)	500	-
New User Capital Payments	-	-	-	-	-	-
<b>Waste Disposal:</b>					-	
Morris Landfill Revenues	205,612.68	204,904	236,462.16	31,558.16	210,115	5,211
Curbside Pickup Program	170,780.00	171,000	171,760.00	760.00	172,000	1,000
<b>Roads:</b>						
Roads	138,270.78	80,000	85,575.37	5,575.37	94,500	14,500
Road Machinery Credit	307,352.50	308,000	304,735.00	(3,265.00)	308,000	-
Sale of equipment	-	34,000	61,100.00	27,100.00	-	(34,000)
<b>Animal Control:</b>	14,788.80	14,000	15,240.03	1,240.03	14,000	-
<b>Cross Border Utilities:</b>	125,232.34	127,000	128,645.92	1,645.92	130,000	3,000
<b>Belgrave Development</b>	2,679,133.08	-	-	-	-	-

<b>Municipality of Morris-Turnberry</b>						
<b>2024 Budget</b>						
	<b>2022</b>	<b>2023</b>	<b>2023</b>	<b>2023</b>	<b>2024</b>	<b>2024</b>
	<b>Actual</b>	<b>Budget</b>	<b>Actual</b>	<b>Variance</b>	<b>Budget</b>	<b>Variance</b>
<b>Reserve:</b>						
General Reserve - 5yr Ratepayer Benefit	-	58,800	58,800.00	-	58,800	-
General Reserve - New Server & Asset Management	-	63,000	40,955.75	(22,044.25)	-	(63,000)
Development Reserve	-	30,000	19,956.15	(10,043.85)	10,000	(20,000)
Cannabis Reserve	-	-	-	-	-	-
Road Encroachment Correction	-	100,000	25,542.50	(74,457.50)	-	(100,000)
Bluevale Road Correction	100,000.00	-	-	-	-	-
COVID Safe Start Funds	10,225.03	9,600	3,869.26	(5,730.74)	8,600	(1,000)
Fire Reserve	37,500.00	407,535	151,785.00	(255,750.00)	408,320	785
Police Reserve	-	-	-	-	13,578	13,578
Building Department Reserve	-	-	-	-	45,221	45,221
Drainage Department Reserve	-	11,000	11,000.00	-	-	(11,000)
Belgrave Water Reserve	40,275.68	60,000	42,873.21	(17,126.79)	30,000	(30,000)
Waste Disposal Reserve	-	-	-	-	31,500	31,500
Roads Dept Reserve	115,000.00	-	-	-	-	-
Roads Dept - Roads Reserve	-	-	-	-	-	-
Roads Dept - Bridge & Culvert Reserve	8,000.00	-	-	-	-	-
Roads Dept - Asset Management	17,334.62	30,000	8,013.60	(21,986.40)	29,000	(1,000)
Federal Gas Tax Reserve	111,409.13	-	-	-	-	-
Municipal Modernization Fund (Radios)	31,500.00	-	-	-	-	-
Contingency Grant Reserve	20,000.00	-	-	-	-	-
Grants - Early Investments in Education (NWMO)	-	24,750	500.00	(24,250.00)	-	(24,750)
Leland & Thora Vance Fund - WGCC Upgrades	-	-	-	-	117,375	117,375
Recreation Reserve	-	50,400	-	(50,400.00)	104,800	54,400
BMG Renovation Reserve	63,500.00	469,900	469,900.00	-	-	(469,900)
Belgrave Development Reserve	-	214,933	64,931.85	(150,001.15)	214,931	(2)
Current Year Deficit	-	-	-	-	-	-



<b>Municipality of Morris-Turnberry 2024 Budget</b>						
	<b>2022 Actual</b>	<b>2023 Budget</b>	<b>2023 Actual</b>	<b>2023 Variance</b>	<b>2024 Budget</b>	<b>2024 Variance</b>
<b>Other Income:</b>						
Zoning Revenue	7,031.88	7,000	6,160.00	(840.00)	7,000	-
Tax Certificates	4,100.00	4,000	3,750.00	(250.00)	4,000	-
Misc. Licences	3,750.00	2,500	2,769.00	269.00	3,000	500
Statement Fees & Mortgage Company Fee	-	-	-	-	5,000	5,000
Planning Revenue	10,437.61	10,000	12,290.30	2,290.30	10,000	-
Planning Revenue - Lane Closure Revenue	1.00	-	-	-	-	-
Planning Revenue - Willis Agreement	20,240.84	20,000	21,200.54	1,200.54	21,200	1,200
In lieu of Parkland	6,300.00	3,000	2,700.00	(300.00)	3,000	-
Bluevale Hall - Rentals Collected for BCC	1,422.00	3,500	4,388.20	888.20	3,500	-
History Book Sales	85.74	-	257.22	257.22	-	-
Misc. Revenue	24,007.07	9,200	14,803.82	5,603.82	9,200	-
Service Line Warranty Royalty	27.30	30	27.54	(2.46)	30	-
Fire Call Recovery	-	-	-	-	-	-
Fire Levy Rebate - Prior Year	14,205.52	-	-	-	-	-
Policing Credits	2,021.98	-	3,583.52	3,583.52	-	-
Bluevale Homecoming Loan Receivable	-	-	10,000.00	10,000.00	-	-
Brussels Sewer Capital on Taxes	-	-	-	-	-	-
BWS Capital on Taxes & Paid	-	-	-	-	-	-
<b>Total Revenues</b>	<b>\$ 15,508,118.62</b>	<b>13,962,089</b>	<b>\$ 13,414,847.92</b>	<b>\$ (547,241.08)</b>	<b>13,820,093</b>	<b>(141,996)</b>

<b>Municipality of Morris-Turnberry 2024 Budget</b>						
	<b>2022 Actual</b>	<b>2023 Budget</b>	<b>2023 Actual</b>	<b>2023 Variance</b>	<b>2024 Budget</b>	<b>2024 Variance</b>
<b>Expenditures:</b>						
<b>General Government:</b>	68,227.50	88,500	67,959.12	(20,540.88)	88,500	-
<b>Admin - Staff Expenses:</b>						
Staff Wages, Benefits & Expenses	357,813.47	416,592	400,189.14	(16,402.86)	461,210	44,618
<b>Administration Expenses:</b>						
Office, Utilities, Legal, Insurance, Misc. Exp...	168,303.49	233,950	227,736.03	(6,213.97)	175,875	(58,075)
<b>Taxation:</b>						
Collection Costs, Vacancy Refunds, Write Offs	18,152.39	7,300	4,918.78	(2,381.22)	7,456	156
<b>Planning &amp; Development</b>						
Planning, Economic & Development Exp.	152,990.92	182,200	78,827.78	(103,372.22)	62,200	(120,000)
<b>Conservation:</b>						
Maitland Valley Conservation Authority	92,583.00	97,207	97,207.00	-	105,407	8,200
Saugeen Valley Conservation Authority	3,669.00	4,184	4,184.00	-	4,359	175
SVCA - Water Quality Program	-	-	-	-	191	191
Source Water Protection	7,601.71	7,600	6,682.75	(917.25)	6,700	(900)
<b>Emergency Services:</b>	13,071.67	19,500	16,336.48	(3,163.52)	15,000	(4,500)
<b>Recoverable HST Paid on Purchases:</b>	450,901.04	405,000	381,568.98	(23,431.02)	405,000	-
<b>Interest &amp; Service Charges</b>	38,646.98	38,599	37,937.55	(661.45)	37,372	(1,227)
<b>Police Services</b>	483,576.00	472,934	472,932.00	(2.00)	486,716	13,782
<b>Fire Budget:</b>	351,281.46	799,492	515,301.43	(284,190.57)	794,049	(5,443)
<b>Animal Control</b>	7,681.71	17,500	14,074.42	(3,425.58)	17,700	200
<b>Cross Border Utilities:</b>	125,232.34	127,000	128,645.92	1,645.92	130,000	3,000

<b>Municipality of Morris-Turnberry 2024 Budget</b>						
	<b>2022 Actual</b>	<b>2023 Budget</b>	<b>2023 Actual</b>	<b>2023 Variance</b>	<b>2024 Budget</b>	<b>2024 Variance</b>
<b>Grants:</b>	11,895.21	42,245	28,362.24	(13,882.76)	135,455	93,210
<b>Recreation:</b>						
Program Support	123,282.00	131,217	131,217.00	-	94,381	(36,836)
Commitments	63,204.44	614,485	564,084.05	(50,400.95)	210,487	(403,998)
Bluevale Hall - Expenses	403.80	14,900	12,723.41	(2,176.59)	4,600	(10,300)
Bluevale Hall - Rentals Pd to BCC	1,422.00	3,500	4,388.20	888.20	3,500	-
<b>Belgrave Development:</b>						
Carrying Costs, Consultant, Eng. & Studies	66,684.35	-	-	-	-	-
Servicing (Rds., Hydro, Water)	44,277.26	150,000	-	(150,000.00)	150,000	-
Loan Payments	64,933.24	64,933	64,931.85	(1.15)	64,931	(2)
<b>Street Lights</b>	13,373.28	14,500	13,581.61	(918.39)	14,660	160
<b>Municipal Drainage:</b>						
Drain Superintendent & Expenses	48,695.22	78,945	66,750.59	(12,194.41)	74,905	(4,040)
Maintenance Projects	143,972.27	128,000	163,194.75	35,194.75	100,000	(28,000)
Capital Drain Projects	252,040.73	791,800	522,269.41	(269,530.59)	732,000	(59,800)
<b>Building Department:</b>	171,261.40	204,000	185,155.97	(18,844.03)	212,821	8,821
<b>Property Standards:</b>	9,661.18	13,900	17,266.49	3,366.49	18,400	4,500
<b>Park &amp; Cemetery Maintenance:</b>	13,122.57	17,500	19,781	2,281.07	13,500	(4,000)
<b>Belgrave Water System</b>	146,998.76	181,800	150,916.62	(30,883.38)	159,950	(21,850)
<b>Waste Disposal:</b>	453,547.69	503,625	506,059.85	2,434.85	480,476	(23,149)
<b>Roads</b>	4,522,530.14	3,505,500	3,242,989.07	(262,510.93)	3,413,000	(92,500)

<b>Municipality of Morris-Turnberry 2024 Budget</b>						
	<b>2022 Actual</b>	<b>2023 Budget</b>	<b>2023 Actual</b>	<b>2023 Variance</b>	<b>2024 Budget</b>	<b>2024 Variance</b>
<b>Reserve Contributions:</b>						
Building Dept Reserves	40,000.00	10,000	10,000.00	-	10,000	-
Drainage Department Reserve	11,000.00	-	-	-	-	-
Landfill Reserves	61,363.00	38,300	88,066.20	49,766.20	58,000	19,700
General Reserve	397,622.00	25,000	25,000.00	-	25,000	-
Health & Safety Reserve	-	-	4,000.00	4,000.00	-	-
Investment Reserve	250,000.00	-	-	-	-	-
Federal Gas Tax Reserve	-	-	-	-	-	-
Roads Reserves	416,000.00	486,000	785,416.07	299,416.07	769,300	283,300
Streetlights Reserve	23,260.36	10,000	18,950.34	8,950.34	15,100	5,100
Policing Reserve	2,897.98	10,000	13,573.52	3,573.52	10,000	-
Parks Reserve	2,000.00	2,000	2,000.00	-	6,000	4,000
Belgrave Water Reserves	80,066.39	68,135	92,790.30	24,655.30	82,835	14,700
Belgrave Development	1,023,996.23	-	-	-	-	-
Fire Reserve	448,278.06	50,000	108,707.25	58,707.25	142,600	92,600
Early Investments in Education (NWMO)	24,750.00	-	-	-	-	-
Leland & Thora Vance Fund - WGCC Upgrades	-	-	117,375.00	117,375.00	-	-
Recreation - BMG Arena Reno	469,900.00	-	-	-	-	-
Recreation Reserve	60,400.00	20,000	27,176.27	7,176.27	26,400	6,400
Annual Surplus to Reserve	108,717.82	-	135,651.69	135,651.69	-	-
<b>Levies:</b>						
County of Huron	2,472,737.19	2,705,278	2,680,545.60	(24,732.40)	2,818,698	113,420
Education	1,124,091.37	1,158,968	1,157,422.12	(1,545.88)	1,175,359	16,391
<b>Total Expenses</b>	<b>15,508,118.62</b>	<b>13,962,089</b>	<b>13,414,847.92</b>	<b>(547,241.08)</b>	<b>13,820,093</b>	<b>(141,996)</b>
Total Expenses	15,508,118.62	13,962,089	13,414,847.92	(547,241.08)	13,820,093	(141,996)
Total Revenue	15,508,118.62	13,962,089	13,414,847.92	(547,241.08)	13,820,093	(141,996)
	-	-	-	-	-	-
	Balanced	Balanced	Balanced		Balanced	

<b>Municipality of Morris-Turnberry</b>						
<b>Municipal Drainage Department Budget</b>						
	<b>2022</b>	<b>2023</b>	<b>2023</b>	<b>2023</b>	<b>2024</b>	<b>2024</b>
	<b>Actual</b>	<b>Budget</b>	<b>Actual</b>	<b>Variance</b>	<b>Budget</b>	<b>Variance</b>
<b><u>Expenditures:</u></b>						
Drainage Superintendent:						
Salary	14,079.88	22,000	15,371.57	(6,628.43)	24,000	2,000.00
Benefits	4,223.96	6,600	4,611.47	(1,988.53)	7,200	600.00
Expenses	2,534.38	3,960	2,766.88	(1,193.12)	4,320	360.00
	<b>20,838.22</b>	<b>32,560</b>	<b>22,749.92</b>	<b>(9,810.08)</b>	<b>35,520</b>	<b>2,960.00</b>
Conference Expenses	-	500	-	(500.00)	500	-
Land Improvement Registration	-	175	-	(175.00)	175	-
Drain Superintendents Assoc Membership	185.00	210	185.00	(25.00)	210	-
Misc.-Drainage Course Registration	-	750	-	(750.00)	750	-
Office Supplies	23.39	750	-	(750.00)	750	-
ATV Fuel & Maintenance	-	500	599.56	99.56	1,500	1,000.00
Drain inspection equipment	-	11,000	11,450.48	450.48	-	(11,000.00)
Administration Support	27,648.61	32,500	31,765.63	(734.37)	35,500	3,000.00
Transfer to Reserve - ATV	11,000.00	-	-	-	-	-
<b>Total Expenditures</b>	<b>59,695.22</b>	<b>78,945</b>	<b>66,750.59</b>	<b>(12,194.41)</b>	<b>74,905</b>	<b>(4,040.00)</b>
<b><u>Revenue:</u></b>						
Drainage Superintendent Grant	10,419.11	16,280	11,374.96	(4,905.04)	17,760	1,480.00
Transfer from Reserve - ATV	-	11,000	11,000.00	-	-	(11,000.00)
<b>Total Revenues</b>	<b>10,419.11</b>	<b>27,280</b>	<b>22,374.96</b>	<b>(4,905.04)</b>	<b>17,760</b>	<b>(9,520.00)</b>
<b>Net Cost to Municipality</b>	<b>49,276.11</b>	<b>51,665</b>	<b>44,375.63</b>	<b>(7,289.37)</b>	<b>57,145</b>	<b>5,480.00</b>
<b>Municipality of Morris-Turnberry</b>						
<b><u>Municipal Drains: Capital &amp; Maintenance Projects</u></b>						
Maintenance Projects	143,972.27	128,000	163,194.75	35,194.75	100,000	(28,000.00)
Capital Projects	252,040.73	791,800	522,269.41	(269,530.59)	732,000	(59,800.00)
	<b>396,013.00</b>	<b>919,800</b>	<b>685,464.16</b>	<b>(234,335.84)</b>	<b>832,000</b>	<b>(87,800.00)</b>
<b><u>Municipal Drains: Grants &amp; Recovery from Landowners</u></b>						
Maintenance Projects	143,972.27	128,000	163,194.75	35,194.75	100,000	(28,000.00)
Capital Projects	252,040.73	791,800	522,269.41	(269,530.59)	732,000	(59,800.00)
	<b>396,013.00</b>	<b>919,800</b>	<b>685,464.16</b>	<b>(234,335.84)</b>	<b>832,000</b>	<b>(87,800.00)</b>
<b>Net Cost to Municipality</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

<b>Municipality of Morris-Turnberry</b>						
<b>Building Department</b>						
	<b>2022</b>	<b>2023</b>	<b>2023</b>	<b>2023</b>	<b>2024</b>	<b>2024</b>
	<b>Actual</b>	<b>Budget</b>	<b>Actual</b>	<b>Variance</b>	<b>Budget</b>	<b>Variance</b>
<b><u>Operational Expenditures:</u></b>						
Total Salary w/ Benefits-CBO & Inspector	130,848.42	139,827	137,158.87	(2,668.13)	146,074	6,247
Office Assistant (salary w/ benefits)	20,736.49	24,423	23,824.23	(598.77)	26,672	2,249
				-		-
Clothing, Uniform, Boots	116.31	450	210.04	(239.96)	575	125
Subscriptions/Memberships	505.81	800	521.95	(278.05)	1,000	200
Training/Travel/Workshop	-	5,500	3,340.53	(2,159.47)	7,500	2,000
Advertisements / Promotion	-	500	-	(500.00)	500	-
Office supplies	136.34	1,000	-	(1,000.00)	1,000	-
Cell/Phone/Fax/Internet	559.81	1,000	608.74	(391.26)	1,000	-
Legal/Accounting	-	5,000	297.99	(4,702.01)	5,000	-
Material/Supplies/Equipment	1,372.06	2,000	1,062.41	(937.59)	1,000	(1,000)
Computer Maintenance / Keystone	-	3,000	-	(3,000.00)	2,000	(1,000)
Code Books; forms	-	500	-	(500.00)	500	-
Inspection Contracts - Other Mun	-	-	64.77	64.77	-	-
Truck - Repairs/Maintenance/Fuel	4,486.16	7,500	5,566.44	(1,933.56)	7,500	-
Mileage	-	-	-	-	-	-
Office Rent(\$500 per month)	6,000.00	6,000	6,000.00	-	6,000	-
Utilities	2,000.00	2,000	2,000.00	-	2,000	-
Insurance Allocation	4,500.00	4,500	4,500.00	-	4,500	-
<b>Total Operational Expenditures</b>	<b>171,261.40</b>	<b>204,000</b>	<b>185,155.97</b>	<b>(18,844.03)</b>	<b>212,821</b>	<b>8,821.00</b>
<b><u>Capital Expenditures:</u></b>						
	-	-	-	-	-	-
<b>Total Capital Expenditures</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b><u>Contributions to Reserves:</u></b>						
Surplus to Reserve	30,000.00	-	-	-	-	-
Vehicle Reserve	10,000.00	10,000	10,000.00	-	10,000	-
<b>Total Contributions to Reserves</b>	<b>40,000.00</b>	<b>10,000</b>	<b>10,000.00</b>	<b>-</b>	<b>10,000.00</b>	<b>-</b>
<b>Total Expenses</b>	<b>211,261.40</b>	<b>214,000</b>	<b>195,155.97</b>	<b>(18,844.03)</b>	<b>222,821</b>	<b>8,821</b>

<b>Municipality of Morris-Turnberry</b>						
<b>Building Department</b>						
	<b>2022</b>	<b>2023</b>	<b>2023</b>	<b>2023</b>	<b>2024</b>	<b>2024</b>
	<b>Actual</b>	<b>Budget</b>	<b>Actual</b>	<b>Variance</b>	<b>Budget</b>	<b>Variance</b>
<b>Revenue:</b>						
<b>Permit Fees &amp; NH Contract</b>						
Permit Revenue	179,908.83	150,000	129,637.16	(20,362.84)	150,000	-
Zoning Certificates	3,200.00	4,000	2,808.00	(1,192.00)	3,000	(1,000)
Severance Septic Inspections	1,072.00	1,000	1,608.00	608.00	1,000	-
Septic Reinspection Program	-	5,080	4,699.00	(381.00)	-	(5,080)
Tile Drain Loan Inspections	-	-	400.00	400.00	-	-
Property Standards	1,108.74	2,600	2,128.28	(471.72)	2,600	-
Drainage Superintendent	20,838.22	21,000	22,749.92	1,749.92	21,000	-
Equipment Trade In	1,685.72	-	-	-	-	-
<b>Total Operational Revenues</b>	<b>207,813.51</b>	<b>183,680</b>	<b>164,030.36</b>	<b>(19,649.64)</b>	<b>177,600</b>	<b>(6,080)</b>
<b>Reserve Revenue:</b>						
MT Transfer from Reserve	-	-	-	-	45,221	45,221
MT Cannabis Reserve	-	-	-	-	-	-
<b>Total Reserve Revenue</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>45,221.00</b>	<b>45,221.00</b>
<b>Total Revenue</b>	<b>207,813.51</b>	<b>183,680</b>	<b>164,030.36</b>	<b>(19,649.64)</b>	<b>222,821</b>	<b>39,141</b>
<b>Total Expenses</b>	<b>211,261.40</b>	<b>214,000</b>	<b>195,155.97</b>	<b>(18,844.03)</b>	<b>222,821</b>	<b>8,821</b>
<b>Net Cost to Municipality</b>	<b>3,447.89</b>	<b>30,320</b>	<b>31,125.61</b>	<b>805.61</b>	<b>-</b>	<b>(30,320)</b>

<b>Municipality of Morris-Turnberry</b>						
<b>Property Standards Budget</b>						
	<b>2022</b>	<b>2023</b>	<b>2023</b>	<b>2023</b>	<b>2024</b>	<b>2024</b>
	<b>Actual</b>	<b>Budget</b>	<b>Actual</b>	<b>Variance</b>	<b>Budget</b>	<b>Variance</b>
<b><u>Expenditures</u></b>						
Salaries - Full Time	-	-	-	-	-	-
Clothing/Uniforms	-	-	-	-	-	-
Subscriptions/Memberships	-	-	-	-	-	-
Training/Travel/Workshops	-	-	-	-	-	-
Advertising/Promotion	-	-	-	-	-	-
Office Supplies	36.63	300	47.57	(252.43)	300	-
Phone/Fax/Internet	-	-	-	-	-	-
Insurance	-	-	-	-	-	-
Legal/Accounting	-	2,000	1,274.57	(725.43)	2,000	-
Materials/Supplies	-	-	-	-	-	-
Bylaw Enforcement Expenses	-	-	4,916.19	4,916.19	-	-
Contract - Keppelcreek - Hours	7,713.05	8,000	8,074.90	74.90	12,300	4,300
Contract - Keppelcreek - Mileage	802.76	1,000	824.98	(175.02)	1,200	200
MT Build Dept Support	1,108.74	2,600	2,128.28	(471.72)	2,600	-
<b>Total Expenditures</b>	<b>9,661.18</b>	<b>13,900</b>	<b>17,266.49</b>	<b>3,366.49</b>	<b>18,400</b>	<b>4,500</b>
<b><u>Revenue</u></b>						
Inspection & Order Revenue	830.00	640	5,046.19	4,406.19	640	-
Misc. Revenue	-	-	-	-	-	-
<b>Total Revenues</b>	<b>830.00</b>	<b>640</b>	<b>5,046.19</b>	<b>4,406.19</b>	<b>640</b>	<b>-</b>
<b>Net Cost to Municipality</b>	<b>8,831.18</b>	<b>13,260</b>	<b>12,220.30</b>	<b>(1,039.70)</b>	<b>17,760</b>	<b>4,500</b>



<b>Municipality of Morris-Turnberry Parks &amp; Cemetery Budget</b>						
	<b>2022</b>	<b>2023</b>	<b>2023</b>	<b>2023</b>	<b>2024</b>	<b>2024</b>
	<b>Actual</b>	<b>Budget</b>	<b>Actual</b>	<b>Variance</b>	<b>Budget</b>	<b>Variance</b>
<b>EXPENDITURES</b>						
<b>Operational Expenditures:</b>						
Cemetery Maintenance	2,324.84	2,500	3,112.12	612.12	2,500	-
Kinsmen Park	374.35	1,000	739.24	(260.76)	1,000	-
Park Maintenance	9,888.53	10,000	13,028.67	3,028.67	10,000	-
<b>Total Operational Expenditures</b>	<b>12,587.72</b>	<b>13,500</b>	<b>16,880.03</b>	<b>3,380.03</b>	<b>13,500</b>	<b>-</b>
<b>Capital Expenditures:</b>						
Park Signs (McKinney/Patton)	534.85	-	-	-	-	-
Repair to Walkways - Kinsmen Park	-	4,000	2,901.04	(1,098.96)	-	(4,000)
<b>Total Capital Expenditures</b>	<b>534.85</b>	<b>4,000</b>	<b>2,901.04</b>	<b>(1,098.96)</b>	<b>-</b>	<b>(4,000)</b>
<b>Contributions to Reserves:</b>						
Surplus to Reserve	-	-	-	-	-	-
Parks Reserve	2,000.00	2,000	2,000.00	-	6,000	4,000
<b>Total Contributions to Reserves</b>	<b>2,000.00</b>	<b>2,000</b>	<b>2,000.00</b>	<b>-</b>	<b>6,000</b>	<b>4,000</b>
<b>Total Expenditures</b>	<b>15,122.57</b>	<b>19,500</b>	<b>21,781.07</b>	<b>2,281.07</b>	<b>19,500</b>	<b>-</b>
<b>Revenue</b>						
In Lieu of Parkland	6,300.00	3,000	2,700.00	(300.00)	3,000	-
Lattimer Estate Interest	1,628.70	1,630	1,628.90	(1.10)	2,200	570
<b>Total Revenues</b>	<b>7,928.70</b>	<b>4,630</b>	<b>4,328.90</b>	<b>(301.10)</b>	<b>5,200</b>	<b>570</b>
<b>Total Expenses</b>	<b>15,122.57</b>	<b>19,500</b>	<b>21,781.07</b>	<b>2,281.07</b>	<b>19,500</b>	<b>-</b>
<b>Net Cost to Municipality</b>	<b>7,193.87</b>	<b>14,870</b>	<b>17,452.17</b>	<b>2,582.17</b>	<b>14,300</b>	<b>(570)</b>

<b>Municipality of Morris-Turnberry Belgrave Water System Budget</b>						
	<b>2022</b>	<b>2023</b>	<b>2023</b>	<b>2023</b>	<b>2024</b>	<b>2024</b>
	<b>Actual</b>	<b>Budget</b>	<b>Actual</b>	<b>Variance</b>	<b>Budget</b>	<b>Variance</b>
<b>Expenditures</b>						
<b>Operational Expenses:</b>						
Veolia Water - Operator Contract	56,898.26	59,000	58,772.76	(227.24)	62,000	3,000
System Repairs & Out of Scope	9,957.62	15,000	10,131.01	(4,868.99)	15,000	-
DWQMS	1,017.60	2,200	1,017.60	(1,182.40)	2,200	-
Hydro Service	15,793.13	16,000	15,176.17	(823.83)	17,000	1,000
Telephone	2,102.93	2,500	2,711.58	211.58	3,000	500
Internet	529.70	600	573.36	(26.64)	650	50
Insurance - BWS & Humphrey Well	3,842.64	4,000	3,348.00	(652.00)	4,000	-
Grass Cutting	580.87	1,000	1,178.45	178.45	1,200	200
Snow Removal	880.22	1,800	783.55	(1,016.45)	1,800	-
In lieu of taxes	4,778.90	6,000	5,165.23	(834.77)	6,000	-
Technical Advisor - R J Burnside	-	2,000	-	(2,000.00)	2,000	-
Office Staff Time	5,800.00	6,600	6,600.00	-	5,000	(1,600)
Administration Roads	-	-	-	-	5,000	5,000
Office Costs	1,000.00	1,100	1,100.00	-	1,100	-
Sludge Removal	1,872.40	2,000	1,485.70	(514.30)	2,000	-
Miscellaneous Costs	1,668.81	2,000	-	(2,000.00)	2,000	-
<b>Total Operational Expenditures</b>	<b>106,723.08</b>	<b>121,800</b>	<b>108,043.41</b>	<b>(13,756.59)</b>	<b>129,950</b>	<b>8,150</b>
<b>Capital Expenditures:</b>						
Desktop and Scada Software	-	-	-	-	15,000	15,000
Clean & Inspect Reservoirs	-	15,000	-	(15,000.00)	15,000	-
Jane St. Well Inspection and Video	-	15,000	19,915.29	4,915.29	-	(15,000)
Spare Chlorine Pump	-	5,000	6,567.02	1,567.02	-	(5,000)
Repairs to Pumphouse Plumbing	-	25,000	16,390.90	(8,609.10)	-	(25,000)
Replace McCrea Well	33,465.40	-	-	-	-	-
Soft Start for Backwash Pump	3,869.74	-	-	-	-	-
Spare Air Compressor	2,940.54	-	-	-	-	-
<b>Total Capital Expenditures</b>	<b>40,275.68</b>	<b>60,000</b>	<b>42,873.21</b>	<b>(17,126.79)</b>	<b>30,000</b>	<b>(30,000)</b>
<b>Contributions to Reserves:</b>						
Surplus to Reserve	13,931.39	-	13,256.80	13,256.80	-	-
Contribution to Reserve	60,000.00	62,000	62,000.00	-	62,000	-
Asset Management Reserve	6,135.00	6,135	6,135.00	-	6,135	-
New Users - Capital Buy In	-	-	-	-	-	-
<b>Total Contributions to Reserves</b>	<b>80,066.39</b>	<b>68,135</b>	<b>81,391.80</b>	<b>13,256.80</b>	<b>68,135</b>	<b>-</b>
<b>Total Expenditures</b>	<b>227,065.15</b>	<b>249,935</b>	<b>232,308.42</b>	<b>(17,626.58)</b>	<b>228,085</b>	<b>(21,850)</b>

<b>Municipality of Morris-Turnberry Belgrave Water System Budget</b>						
	<b>2022</b>	<b>2023</b>	<b>2023</b>	<b>2023</b>	<b>2024</b>	<b>2024</b>
	<b>Actual</b>	<b>Budget</b>	<b>Actual</b>	<b>Variance</b>	<b>Budget</b>	<b>Variance</b>
<b><u>Revenues</u></b>						
<b>Operational Revenues:</b>						
User Fees	186,589.47	189,435	189,435.21	0.21	197,585	8,150
New Users - Connection Fee	200.00	500	-	(500.00)	500	-
New Users - Capital Buy In	-	-	-	-	-	-
<b>Total Operational Revenues</b>	<b>186,789.47</b>	<b>189,935</b>	<b>189,435.21</b>	<b>(499.79)</b>	<b>198,085</b>	<b>8,150</b>
<b>Grants Revenue:</b>	-	-	-	-	-	-
<b>Reserve Revenue:</b>						
To Fund Capital Expenses	40,275.68	60,000	42,873.21	(17,126.79)	30,000	(30,000)
To Fund Annual Deficit	-	-	-	-	-	-
<b>Total of Reserve Revenue</b>	<b>40,275.68</b>	<b>60,000</b>	<b>42,873.21</b>	<b>(17,126.79)</b>	<b>30,000</b>	<b>(30,000)</b>
<b>Total BWS Revenues</b>	<b>227,065.15</b>	<b>249,935</b>	<b>232,308.42</b>	<b>(17,626.58)</b>	<b>228,085</b>	<b>(21,850)</b>
<b>Total Expenditures</b>	<b>227,065.15</b>	<b>249,935</b>	<b>232,308.42</b>	<b>(17,626.58)</b>	<b>228,085</b>	<b>(21,850)</b>
<b>Net Cost To Municipality</b>	-	-	-	-	-	-
<b>Additional Info:</b>						
Budgeted System Users	145.00	160.00			160.00	
Budgeted Annual Cost / User	\$ 1,180.24	\$ 1,183.97			<b>\$ 1,234.91</b>	50.94
Budgeted Monthly Cost	\$ 98.35	\$ 98.66			\$ 102.91	4.25
Rate Increase	1.45%	0.32%			4.30%	

<b>Municipality of Morris-Turnberry Landfill &amp; Waste Disposal Budget</b>						
	<b>2022 Actual</b>	<b>2023 Budget</b>	<b>2023 Actual</b>	<b>2023 Variance</b>	<b>2024 Budget</b>	<b>2024 Variance</b>
<b>Morris Landfill Expenditures</b>						
<b>Operating Expenditures:</b>						
Wages & Benefits	42,390.42	52,000	47,145.43	(4,854.57)	52,000	-
Covering J. McKercher	34,875.33	25,000	22,794.77	(2,205.23)	26,000	1,000
Equipment Rental	42,000.00	48,000	48,000.00	-	50,000	2,000
MT Truck Rental	8,000.00	10,000	10,000.00	-	12,000	2,000
Administration Roads	14,000.00	15,500	15,500.00	-	17,500	2,000
Administration General	9,100.00	10,000	10,000.00	-	10,000	-
Compactor & Tractor - Fuel & Maint.	19,310.72	20,000	18,142.65	(1,857.35)	20,000	-
Misc. Expenses	2,196.33	2,000	3,028.27	1,028.27	2,500	500
Freon Removal	-	3,000	3,945.62	945.62	3,000	-
Spill Kits	-	-	1,324.87	1,324.87	-	-
Gas Detector & Charging Station	-	-	6,878.24	6,878.24	1,000	1,000
Portable Septic Unit	1,897.84	2,000	1,867.33	(132.67)	2,000	-
Training	6,230.30	-	-	-	-	-
Brush Grinding	8,914.18	9,000	14,399.52	5,399.52	15,000	6,000
Hydro Costs	2,253.25	2,000	2,152.86	152.86	2,100	100
Cell Phone	96.23	150	96.20	(53.80)	150	-
Grass Cutting	361.09	500	616.41	116.41	600	100
Scale Maintenance	2,030.11	2,100	2,087.10	(12.90)	1,500	(600)
Weigh Scale Slips	663.21	800	365.97	(434.03)	600	(200)
In lieu of Taxes	15,301.81	16,000	15,829.69	(170.31)	17,000	1,000
Monitoring / Engineering Area A	10,112.98	9,100	8,911.71	(188.29)	9,135	35
Monitoring / Engineering Area B	14,419.42	21,200	31,376.19	10,176.19	21,465	265
General Operational Advice	-	-	-	-	2,000	2,000
<b>Total Operating Expenditures</b>	<b>234,153.22</b>	<b>248,350</b>	<b>264,462.83</b>	<b>16,112.83</b>	<b>265,550</b>	<b>17,200</b>
<b>Capital Expenditures:</b>						
Future Landfill	1,677.77	15,000	4,579.20	(10,420.80)	25,000	10,000
Portable Unit	-	-	-	-	6,500	6,500
<b>Total Capital Expenditures</b>	<b>1,677.77</b>	<b>15,000</b>	<b>4,579.20</b>	<b>(10,420.80)</b>	<b>31,500</b>	<b>16,500</b>
<b>Contributions to Reserves:</b>						
Morris Landfill Reserve	50,000.00	27,000	63,000.00	36,000.00	30,000	3,000
Closure/Perpetual Care Reserve	11,363.00	11,300	12,018.10	718.10	11,400	100
						-
<b>Total Contributions to Reserves</b>	<b>61,363.00</b>	<b>38,300</b>	<b>75,018.10</b>	<b>36,718.10</b>	<b>41,400.00</b>	<b>3,100</b>
<b>Total Morris Site Expenditures</b>	<b>297,193.99</b>	<b>301,650</b>	<b>344,060.13</b>	<b>42,410.13</b>	<b>338,450</b>	<b>36,800</b>
						-

<b>Municipality of Morris-Turnberry Landfill &amp; Waste Disposal Budget</b>						
	<b>2022 Actual</b>	<b>2023 Budget</b>	<b>2023 Actual</b>	<b>2023 Variance</b>	<b>2024 Budget</b>	<b>2024 Variance</b>
<b>Morris Landfill Revenues</b>						-
<b>Operational Revenue:</b>						-
Tipping Fees	184,299.65	175,000	194,197.51	19,197.51	180,000	5,000
Huron East - Tipping Fees (Brussels)	13,630.00	13,000	20,181.00	7,181.00	14,000.00	1,000
Huron East - Perpetual Care Reserve	1,363.00	1,300	2,018.10	718.10	1,400.00	100
Huron East - Capital Area A	5,056.49	4,550	4,455.86	(94.14)	4,568.00	18
Huron East - Stage I/II, Future Landfill	1,215.34	6,054	5,102.07	(951.93)	4,647.00	(1,407)
Scrap Metal	-	5,000	10,043.22	5,043.22	5,000.00	-
E waste	48.20	-	464.40	464.40	500.00	500
Recycling, Blue Box, Composters	-	-	-	-	-	-
Woodlot Revenue	-	-	-	-	-	-
Tire Rebate	-	-	-	-	-	-
<b>Total Operational Revenue</b>	<b>205,612.68</b>	<b>204,904</b>	<b>236,462.16</b>	<b>31,558.16</b>	<b>210,115</b>	<b>5,211</b>
<b>Grant Revenues:</b>						
BRA Waste Diversion Grant	47,231.76	45,000	52,473.84	7,473.84	13,000	(32,000)
<b>Reserve Revenues:</b>						
Morris Landfill Reserve	-	-	-	-	31,500	31,500
<b>Total Reserve Revenue</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>31,500</b>	<b>31,500</b>
<b>Total Morris Landfill Revenues</b>	<b>252,844.44</b>	<b>249,904</b>	<b>288,936.00</b>	<b>39,032.00</b>	<b>254,615</b>	<b>4,711</b>
<b>Total Morris Site Expenditures</b>	<b>297,193.99</b>	<b>301,650</b>	<b>344,060.13</b>	<b>42,410.13</b>	<b>338,450</b>	<b>36,800</b>
<b>Morris Site Net Cost to Municipality</b>	<b>44,349.55</b>	<b>51,746</b>	<b>55,124.13</b>	<b>3,378.13</b>	<b>83,835</b>	<b>32,089</b>
<b>Turnberry Landfill Site EXPENDITURES:</b>						
Metcalf Agreement	400.00	400	400.00	-	400	-
Engineering/Monitoring	7,973.86	19,300	14,543.58	(4,756.42)	19,300	-
<b>Total Turnberry Expenses</b>	<b>8,373.86</b>	<b>19,700</b>	<b>14,943.58</b>	<b>(4,756.42)</b>	<b>19,700</b>	<b>-</b>
<b>Turnberry Site Net Cost to Municipality</b>	<b>8,373.86</b>	<b>19,700</b>	<b>14,943.58</b>	<b>(4,756.42)</b>	<b>19,700</b>	<b>-</b>

<b>Municipality of Morris-Turnberry Landfill &amp; Waste Disposal Budget</b>						
	<b>2022 Actual</b>	<b>2023 Budget</b>	<b>2023 Actual</b>	<b>2023 Variance</b>	<b>2024 Budget</b>	<b>2024 Variance</b>
<b><u>Curbside Pickup Program</u></b>						
<b>Revenues:</b>						
Wheely Bin User Fees	170,780.00	171,000	171,760.00	760.00	172,000	1,000
<b>Expenditures:</b>						
Curbside Contract - BRA	164,265.84	175,575	175,572.24	(2.76)	117,726	(57,849)
Tipping Fees	45,077.00	45,000	46,502.00	1,502.00	46,000	1,000
<b>Total Curbside Costs</b>	<b>209,342.84</b>	<b>220,575</b>	<b>222,074.24</b>	<b>1,499.24</b>	<b>163,726</b>	<b>(56,849)</b>
						-
<b>Net Cost to Municipality</b>	<b>38,562.84</b>	<b>49,575</b>	<b>50,314.24</b>	<b>739.24</b>	<b>(8,274)</b>	<b>(57,849)</b>
<b>Summary of Landfill &amp; Waste Disposal Budget</b>						
Morris Landfill Expenditures	297,193.99	301,650	344,060.13	42,410.13	338,450	36,800
Turnberry Site Expenditures	8,373.86	19,700	14,943.58	(4,756.42)	19,700	-
Curbside Pickup Expenditures	209,342.84	220,575	222,074.24	1,499.24	163,726	(56,849)
<b>Total Waste Expenditures</b>	<b>514,910.69</b>	<b>541,925</b>	<b>581,077.95</b>	<b>39,152.95</b>	<b>521,876</b>	<b>(20,049)</b>
Total Morris Site Revenues	252,844.44	249,904	288,936.00	39,032.00	254,615	4,711
Total Turnberry Site Revenues	-	-	-	-	-	-
Total Curbside Pickup Revenues	170,780.00	171,000	171,760.00	760.00	172,000	1,000
<b>Total Waste Revenues</b>	<b>423,624.44</b>	<b>420,904</b>	<b>460,696.00</b>	<b>39,792.00</b>	<b>426,615</b>	<b>5,711</b>
						-
<b>Net Cost to Municipality</b>	<b>91,286.25</b>	<b>121,021</b>	<b>120,381.95</b>	<b>(639.05)</b>	<b>95,261</b>	<b>(25,760)</b>

<b>Municipality of Morris-Turnberry</b>						
<b>Roads Budget</b>						
	<b>2022</b>	<b>2023</b>	<b>2023</b>	<b>2023</b>	<b>2024</b>	<b>2024</b>
	<b>Actual</b>	<b>Budget</b>	<b>Actual</b>	<b>Variance</b>	<b>Budget</b>	<b>Variance</b>
<b>Expenses</b>						
<b>Maintenance &amp; Overhead</b>						
Bridges & Culverts	2,170.06	5,000	6,531.29	1,531.29	7,000	2,000
Bridge Washing	17,182.09	18,000	16,103.53	(1,896.47)	18,000	-
Grass Mowing	36,379.20	38,000	36,379.20	(1,620.80)	46,000	8,000
Roadside Spraying	17,848.45	20,000	18,214.99	(1,785.01)	21,000	1,000
Brush, Trim Tree	92,996.60	110,000	132,390.98	22,390.98	125,000	15,000
Ditching	11,218.41	20,000	24,806.52	4,806.52	25,000	5,000
Urban Storm Sewer	3,434.82	2,000	-	(2,000.00)	2,000	-
Debris & Litter	12,442.68	15,000	11,366.65	(3,633.35)	15,000	-
Hard Top Patch	-	-	1,852.03	1,852.03	-	-
Patching & Washouts	22,057.78	27,000	11,639.43	(15,360.57)	25,000	(2,000)
Grading	85,712.19	100,000	84,629.39	(15,370.61)	100,000	-
Boundary Road	-	-	-	-	-	-
Dust Layer	188,790.28	200,000	182,997.27	(17,002.73)	200,000	-
Gravel Resurface	422,184.16	490,000	436,581.70	(53,418.30)	490,000	-
Snow Removal	155,946.77	160,000	108,644.26	(51,355.74)	170,000	10,000
Sand & Salt	104,175.99	100,000	69,124.99	(30,875.01)	110,000	10,000
Ice Blading	28,931.18	40,000	24,361.00	(15,639.00)	40,000	-
Winter Standby	-	-	-	-	-	-
Signs & Safety Devices	57,591.23	55,000	61,756.49	6,756.49	55,000	-
Maintenance Overhead	656,336.79	660,000	700,769.94	40,769.94	723,000	63,000
Road Spill & Cleanup	-	-	23,912.47	23,912.47	-	-
Sidewalk Maintenance	153.41	2,000	356.94	(1,643.06)	2,000	-
Municipal Drains	10,028.94	30,000	50,846.94	20,846.94	30,000	-
<b>Total Maintenance &amp; Overhead</b>	<b>1,925,581.03</b>	<b>2,092,000</b>	<b>2,003,266.01</b>	<b>(88,733.99)</b>	<b>2,204,000</b>	<b>112,000</b>

<b>Municipality of Morris-Turnberry</b>						
<b>Roads Budget</b>						
	<b>2022</b>	<b>2023</b>	<b>2023</b>	<b>2023</b>	<b>2024</b>	<b>2024</b>
	<b>Actual</b>	<b>Budget</b>	<b>Actual</b>	<b>Variance</b>	<b>Budget</b>	<b>Variance</b>
<b>Road Construction :</b>						
Kate, Princess, and Mary Street Paving 0.5km	-	-	-	-	75,000	75,000
Josephine Street North Paving 0.9km	-	-	-	-	155,000	155,000
Brandon Road Surface Treatment 5.5km	-	-	-	-	195,000	195,000
Salem Road Surface Treatment - 3.0km	-	-	-	-	105,000	105,000
Turnberry Culross - 2.5km	-	-	-	-	45,000	45,000
Clyde Line Paving - St. Michaels to Moncrief 2.1km	-	340,000	241,944.60	(98,055.40)	-	(340,000)
Clyde St and Queen St Bluevale Resurface	-	260,000	329,612.04	69,612.04	-	(260,000)
Glenannon Rd - CR4 to 2km E of Jeffray - 6km	188,265.87	-	-	-	-	-
Clyde Line Paving - Morris to St. Michaels - 4.1km	513,100.74	-	-	-	-	-
Belgrave Storm Sewer Flush & Cam	13,544.26	-	-	-	-	-
Salem Road Surface Treatment-2021 Double, 2022 Single 3.0km	94,100.71	-	-	-	-	-
B-Line Centre Line Painting	2,412.84	-	-	-	-	-
<b>Total Road Construction</b>	<b>811,424.42</b>	<b>600,000</b>	<b>571,556.64</b>	<b>(28,443.36)</b>	<b>575,000</b>	<b>(25,000)</b>
<b>Bridge Work :</b>						
T100 - Repair Bridge on Salem	-	-	3,452.92	3,452.92	20,000	20,000
M070 - Repair Bridge Moncrief	-	15,000	8,537.99	(6,462.01)	120,000	105,000
M030 - Erosion protection	-	20,000	10,637.04	(9,362.96)	-	(20,000)
M060 - Repair Bridge Moncrief	-	175,000	114,563.01	(60,436.99)	-	(175,000)
M040 - Beam Repair	-	-	5,088.00	5,088.00	-	-
M120 - Route and Seal Joints	-	-	2,544.00	2,544.00	-	-
M230 - Bridge Replacement, Abraham Line	889,404.29	30,000	15,180.73	(14,819.27)	-	(30,000)
M060 - Moncrieff Rd Bridge (Design)	7,296.01	-	-	-	-	-
M020 - Culvert Replacement, McCall Line	376,176.10	-	-	-	-	-
Biennial Bridge Inspection Report	3,790.36	-	-	-	7,000	7,000
<b>Total Bridge Work</b>	<b>1,276,666.76</b>	<b>240,000</b>	<b>160,003.69</b>	<b>(79,996.31)</b>	<b>147,000</b>	<b>(93,000)</b>



<b>Municipality of Morris-Turnberry</b>						
<b>Roads Budget</b>						
	<b>2022</b>	<b>2023</b>	<b>2023</b>	<b>2023</b>	<b>2024</b>	<b>2024</b>
	<b>Actual</b>	<b>Budget</b>	<b>Actual</b>	<b>Variance</b>	<b>Budget</b>	<b>Variance</b>
<b>Equipment / Other:</b>						
Machinery Expenses (Fuel & Repairs)	345,037.04	350,000	304,010.87	(45,989.13)	350,000	-
Shoulder Spreader / pavement widener	-	-	-	-	115,000	115,000
Chipper	-	120,000	125,164.80	5,164.80	-	(120,000)
Storm Water Master Plan Belgrave	-	30,000	8,013.60	(21,986.40)	22,000	(8,000)
60" Zero Turn Mower	-	18,500	16,892.16	(1,607.84)	-	(18,500)
Pickup Truck Purchase	-	55,000	54,081.30	(918.70)	-	(55,000)
2 Way Radio System	155,171.29	-	-	-	-	-
Roller/Packer for Grader	8,649.60	-	-	-	-	-
<b>Total Equipment / Other</b>	<b>508,857.93</b>	<b>573,500</b>	<b>508,162.73</b>	<b>(65,337.27)</b>	<b>487,000</b>	<b>(86,500)</b>
<b>Contributions to Reserve:</b>						
Savings to Reserve	-	-	110,000.00	110,000.00	-	-
Reserve: Asset Management	36,000.00	36,000	36,000.00	-	36,000	-
Reserve: Bridges & Culverts	200,000.00	250,000	330,000.00	80,000.00	350,000	100,000
Reserve: Equipment	150,000.00	200,000	265,000.00	65,000.00	300,000	100,000
Reserve: Gravel - Winter Damage	-	-	-	-	-	-
Reserve: Federal Gas Tax	-	-	-	-	-	-
<b>Total Reserve Contributions</b>	<b>386,000.00</b>	<b>486,000</b>	<b>741,000.00</b>	<b>255,000.00</b>	<b>686,000</b>	<b>200,000</b>
<b>Total Expenditures</b>	<b>4,908,530.14</b>	<b>3,991,500</b>	<b>3,983,989.07</b>	<b>(7,510.93)</b>	<b>4,099,000</b>	<b>107,500</b>

<b>Municipality of Morris-Turnberry</b>						
<b>Roads Budget</b>						
	<b>2022</b>	<b>2023</b>	<b>2023</b>	<b>2023</b>	<b>2024</b>	<b>2024</b>
	<b>Actual</b>	<b>Budget</b>	<b>Actual</b>	<b>Variance</b>	<b>Budget</b>	<b>Variance</b>
<b>Revenues</b>						
<b>Operational Revenue:</b>						
Road Revenue	73,099.48	80,000	85,575.37	5,575.37	94,500	14,500
Machinery Rentals	307,352.50	308,000	304,735.00	(3,265.00)	308,000	-
Proceeds from Equipment Sale	-	34,000	61,100.00	27,100.00	-	(34,000)
2-Way Radio Recoverable from Other Mun	65,171.30	-	-	-	-	-
<b>Total Operational Revenues</b>	<b>445,623.28</b>	<b>422,000</b>	<b>451,410.37</b>	<b>29,410.37</b>	<b>402,500</b>	<b>(19,500)</b>
<b>Grant Revenue:</b>						
Canada Community Building Fund	110,876.18	115,697	115,696.88	(0.12)	112,870	(2,827)
Ontario Community Infrastructure Fund	232,257.00	267,096	267,096.00	-	307,160	40,064
ICIP - Invest in Canada Infra Program	815,462.06	27,990	13,918.68	(14,071.32)	-	(27,990)
Modernization Fund Intake 2 - Radios	58,500.00	-	-	-	-	-
<b>Total Grant Revenue</b>	<b>1,217,095.24</b>	<b>410,783</b>	<b>396,711.56</b>	<b>(14,071.44)</b>	<b>420,030</b>	<b>9,247</b>
<b>Reserve Revenue:</b>						
Equipment Reserve	-	-	-	-	-	-
Road Reserve	115,000.00	-	-	-	-	-
Bridge & Culvert Reserve	8,000.00	-	-	-	-	-
Canada Community Building Fund Reserve	111,409.13	-	-	-	-	-
Asset Management Reserve	17,334.62	30,000	8,013.60	(21,986.40)	29,000	(1,000)
Mun Modernization Fund (Radios)	31,500.00	-	-	-	-	-
<b>Total Reserve Revenue</b>	<b>283,243.75</b>	<b>30,000</b>	<b>8,013.60</b>	<b>(21,986.40)</b>	<b>29,000</b>	<b>(1,000)</b>
<b>Total Revenue</b>	<b>1,945,962.27</b>	<b>862,783</b>	<b>856,135.53</b>	<b>(6,647.47)</b>	<b>851,530</b>	<b>(11,253)</b>
<b>Total Expenditures</b>	<b>4,908,530.14</b>	<b>3,991,500</b>	<b>3,983,989.07</b>	<b>(7,510.93)</b>	<b>4,099,000</b>	<b>107,500</b>
<b>Total Revenues</b>	<b>1,945,962.27</b>	<b>862,783</b>	<b>856,135.53</b>	<b>(6,647.47)</b>	<b>851,530</b>	<b>(11,253)</b>
<b>Net Cost to the Municipality</b>	<b>2,962,567.87</b>	<b>3,128,717</b>	<b>3,127,853.54</b>	<b>(863.46)</b>	<b>3,247,470</b>	<b>118,753</b>

<b>Municipality of Morris-Turnberry</b>						
<b>General Government/Administration Budget</b>						
	<b>2022</b>	<b>2023</b>	<b>2023</b>	<b>2023</b>	<b>2024</b>	<b>2024</b>
	<b>Actual</b>	<b>Budget</b>	<b>Actual</b>	<b>Variance</b>	<b>Budget</b>	<b>Variance</b>
<b><u>Expenditures</u></b>						
<b>9.1 General Government:</b>						
Council	62,992.75	88,500	67,959.12	(20,540.88)	88,500	-
New Computer Equipment	5,234.75	-		-	-	-
<b>Total General Government</b>	<b>68,227.50</b>	<b>88,500</b>	<b>67,959.12</b>	<b>(20,540.88)</b>	<b>88,500</b>	<b>-</b>
<b>9.2 Staff Expenses:</b>						
Wages	250,430.88	273,873	261,455.34	(12,417.66)	315,110	41,237
Benefits & Wage Expenses	98,764.17	112,719	113,680.50	961.50	128,600	15,881
Staff Education and Training	5,972.48	12,500	8,871.18	(3,628.82)	15,000	2,500
Other Salaries & Board Members	2,645.94	2,500	1,223.40	(1,276.60)	2,500	-
Pay Equity/Market Check	-	15,000	14,958.72	(41.28)	-	(15,000)
<b>Total Administration - Staff</b>	<b>357,813.47</b>	<b>416,592</b>	<b>400,189.14</b>	<b>(16,402.86)</b>	<b>461,210</b>	<b>44,618</b>
<b>9.3 Administration Expenses:</b>						
Asset Management	19,440.51	70,000	97,868.40	27,868.40	20,000	(50,000)
Election	15,100.08	1,200	1,475.52	275.52	1,500	300
Office Expenses	12,001.26	16,600	11,524.38	(5,075.62)	15,400	(1,200)
Computer Maintenance	17,846.23	19,700	19,018.65	(681.35)	21,100	1,400
Advertising	1,837.19	3,000	1,435.12	(1,564.88)	2,100	(900)
Office Equipment	5,759.60	20,500	14,791.73	(5,708.27)	5,000	(15,500)
Office Building Upgrades	4,157.52	5,000	-	(5,000.00)	5,000	-
Office Utilities - Phone, Heat & Hydro	10,580.37	11,000	10,805.19	(194.81)	11,300	300
Insurance	20,770.56	24,500	24,061.80	(438.20)	30,100	5,600
Memberships	2,825.31	3,250	3,193.56	(56.44)	3,425	175
Marriage Licences	480.00	1,000	960.00	(40.00)	1,000	-
Legal & Audit	35,051.68	35,000	21,344.51	(13,655.49)	35,000	-
Office Cleaning	2,707.49	3,000	2,648.79	(351.21)	3,000	-
Misc. Expenses	15,102.64	16,400	13,446.01	(2,953.99)	16,650	250
Security System	122.11	300	167.86	(132.14)	300	-
Health & Safety	4,520.94	3,500	4,994.51	1,494.51	5,000	1,500
<b>Total Administration Expenses</b>	<b>168,303.49</b>	<b>233,950</b>	<b>227,736.03</b>	<b>(6,213.97)</b>	<b>175,875</b>	<b>(58,075)</b>

<b>Municipality of Morris-Turnberry</b>						
<b>General Government/Administration Budget</b>						
	<b>2022</b>	<b>2023</b>	<b>2023</b>	<b>2023</b>	<b>2024</b>	<b>2024</b>
	<b>Actual</b>	<b>Budget</b>	<b>Actual</b>	<b>Variance</b>	<b>Budget</b>	<b>Variance</b>
<b>9.4 Taxation:</b>						
Tax Collection	-	1,000	-	(1,000.00)	1,000	-
Charity Tax Rebates	1,295.91	1,300	1,390.47	90.47	1,456	156
Write offs (Tax & A/R)	16,856.48	5,000	3,528.31	(1,471.69)	5,000	-
<b>Total Taxation Costs</b>	<b>18,152.39</b>	<b>7,300</b>	<b>4,918.78</b>	<b>(2,381.22)</b>	<b>7,456</b>	<b>156</b>
<b>9.5 Planning &amp; Development:</b>						
Economic Development	5,150.00	6,200	5,200.00	(1,000.00)	6,200	-
Planning, Development & Zoning Exp	34,603.75	40,000	28,129.13	(11,870.87)	40,000	-
Road Encroachment Correction	-	100,000	25,542.50	(74,457.50)	-	(100,000)
Land Acquisition, Bluevale	112,117.81	-	-	-	-	-
Community Safety and Wellbeing Plan	-	5,000	-	(5,000.00)	5,000	-
Lane Closure Expenses	1,119.36	1,000	-	(1,000.00)	1,000	-
Lower Town Nitrate Study	-	30,000	19,956.15	(10,043.85)	10,000	(20,000)
<b>Total Planning &amp; Development</b>	<b>152,990.92</b>	<b>182,200</b>	<b>78,827.78</b>	<b>(103,372.22)</b>	<b>62,200</b>	<b>(120,000)</b>
<b>9.6 Conservation:</b>						
Maitland Valley Conservation Authority	92,583.00	97,207	97,207.00	-	105,407	8,200
Saugeen Valley Conservation Authority	3,669.00	4,184	4,184.00	-	4,359	175
SVCA - Water Quality Program	-	-	-	-	191	191
Source Water Protection	7,601.71	7,600	6,682.75	(917.25)	6,700	(900)
<b>Total Conservation</b>	<b>103,853.71</b>	<b>108,991</b>	<b>108,073.75</b>	<b>(917.25)</b>	<b>116,657</b>	<b>7,666</b>

<b>Municipality of Morris-Turnberry</b>						
<b>General Government/Administration Budget</b>						
	<b>2022</b>	<b>2023</b>	<b>2023</b>	<b>2023</b>	<b>2024</b>	<b>2024</b>
	<b>Actual</b>	<b>Budget</b>	<b>Actual</b>	<b>Variance</b>	<b>Budget</b>	<b>Variance</b>
<b>9.7 Emergency</b>						
Emergency Services	10,333.68	12,000	10,610.75	(1,389.25)	12,000	-
Generator Maintenance	2,737.99	7,500	5,725.73	(1,774.27)	3,000	(4,500)
	<b>13,071.67</b>	<b>19,500</b>	<b>16,336.48</b>	<b>(3,163.52)</b>	15,000	(4,500)
<b>9.8 HST &amp; OHST Recoverable</b>	450,901.04	405,000	381,568.98	(23,431.02)	405,000	-
<b>9.9 Interest:</b>						
Interest & Bank Charges	5,873.01	7,000	6,339.01	(660.99)	7,000	-
Interest-Belgrave Water Infrastructure	32,773.97	31,599	31,598.54	(0.46)	30,372	(1,227)
	<b>38,646.98</b>	<b>38,599</b>	<b>37,937.55</b>	<b>(661.45)</b>	<b>37,372</b>	<b>(1,227)</b>
<b><u>Contributions to Reserves:</u></b>						
General Working Reserve	25,000.00	25,000	25,000.00	-	25,000	-
Health & Safety Reserve	-	-	4,000.00	4,000.00	-	-
Interest to Landfill Reserves	-	-	13,048.10	13,048.10	16,600	16,600
Interest to Recreation Reserve	-	-	7,176.27	7,176.27	6,400	6,400
Interest to Fire Reserve	-	-	30,266.68	30,266.68	22,600	22,600
Interest to Roads - B & C Reserve	-	-	24,369.88	24,369.88	45,600	45,600
Interest to Roads - Equipment Reserve	-	-	20,046.19	20,046.19	37,700	37,700
Interest to Belgrave Water Reserve	-	-	11,398.50	11,398.50	14,700	14,700
Interest to Streetlight Reserve	-	-	4,025.27	4,025.27	5,100	5,100
<b>Total Contributions to Reserves</b>	<b>25,000.00</b>	<b>25,000</b>	<b>139,330.89</b>	<b>114,330.89</b>	<b>173,700</b>	<b>148,700</b>
<b>Total Expenditures</b>	<b>1,396,961.17</b>	<b>1,525,632</b>	<b>1,462,878.50</b>	<b>(62,753.50)</b>	<b>1,542,970</b>	<b>17,338</b>

<b>Municipality of Morris-Turnberry</b>						
<b>General Government/Administration Budget</b>						
	<b>2022</b>	<b>2023</b>	<b>2023</b>	<b>2023</b>	<b>2024</b>	<b>2024</b>
	<b>Actual</b>	<b>Budget</b>	<b>Actual</b>	<b>Variance</b>	<b>Budget</b>	<b>Variance</b>
<b>Revenues</b>						
<b>Operational Revenues:</b>						
<b>9.2</b> Tax Certificates	4,100.00	4,000	3,750.00	(250.00)	4,000	-
<b>9.2</b> Misc. Licences	3,750.00	2,500	2,769.00	269.00	3,000	500
<b>9.3</b> Statement Fees & Mortgage Company Fee	-	-	-	-	5,000	5,000
<b>9.5</b> Planning Revenue	10,437.61	10,000	12,290.30	2,290.30	10,000	-
<b>9.5</b> Lane Closure Revenue	1.00	-	-	-	-	-
<b>9.5</b> Zoning Revenue	7,031.88	7,000	6,160.00	(840.00)	7,000	-
<b>9.8</b> HST Recoverable & Collected on Sales	450,901.04	405,000	381,568.98	(23,431.02)	405,000	-
Willis Development	20,240.84	20,000	21,200.54	1,200.54	21,200	1,200
Gravel Royalties	23,569.02	20,000	29,995.09	9,995.09	24,000	4,000
Interest - Tax	44,166.52	45,000	48,180.63	3,180.63	50,000	5,000
Interest - Bank Acct & AR Fin Charges	86,134.37	120,000	247,801.39	127,801.39	250,000	130,000
Interest - GIC Investments, (Land Sale)	-	-	3,726.56	3,726.56	11,700	11,700
Interest - Municipal Drains	2,348.33	5,000	12,940.71	7,940.71	2,500	(2,500)
Interest - A/R Belgrave Water	22,346.82	21,000	21,474.39	474.39	20,900	(100)
Interest - Brussels Sewer	1,123.60	879	878.88	(0.12)	787	(92)
Interest - School Fairs	410.14	450	465.45	15.45	470	20
Interest - R.Nicholson Award	316.04	320	325.68	5.68	400	80
History Book Sales	85.74	-	257.22	257.22	-	-
Misc. Revenue	24,007.07	9,200	14,803.82	5,603.82	9,200	-
Service Line Warranty Royalty	27.30	30	27.54	(2.46)	30	-
<b>Total Operational Revenues</b>	<b>700,997.32</b>	<b>670,379</b>	<b>808,616.18</b>	<b>138,237.18</b>	<b>825,187</b>	<b>154,808</b>
<b>Grants Revenue:</b>						
FCM Asset Management Grant	-	-	50,000.00	50,000.00	-	-
<b>Total Grant Revenue</b>	<b>-</b>	<b>-</b>	<b>50,000.00</b>	<b>50,000.00</b>	<b>-</b>	<b>-</b>

<b>Municipality of Morris-Turnberry</b>						
<b>General Government/Administration Budget</b>						
	<b>2022</b>	<b>2023</b>	<b>2023</b>	<b>2023</b>	<b>2024</b>	<b>2024</b>
	<b>Actual</b>	<b>Budget</b>	<b>Actual</b>	<b>Variance</b>	<b>Budget</b>	<b>Variance</b>
<b>Reserve Revenue:</b>						
General Reserve - Server	-	13,000	13,087.35	87.35	-	(13,000)
General Reserve - Asset Management	-	50,000	27,868.40	(22,131.60)	-	(50,000)
Road Encroachment Correction	-	100,000	25,542.50	(74,457.50)	-	(100,000)
Development Reserve - Nitrate Study	-	30,000	19,956.15	(10,043.85)	10,000	(20,000)
COVID Safe Restart Funds	10,225.03	6,000	3,869.26	(2,130.74)	5,000	(1,000)
Bluevale Road Correction Reserve	100,000.00	-	-	-	-	-
<b>Total of Reserve Revenue</b>	<b>110,225.03</b>	<b>199,000</b>	<b>90,323.66</b>	<b>(108,676.34)</b>	<b>15,000</b>	<b>(184,000)</b>
<b>Total Administration Revenues</b>	<b>811,222.35</b>	<b>869,379</b>	<b>948,939.84</b>	<b>79,560.84</b>	<b>840,187</b>	<b>(29,192)</b>
<b>Total Expenditures</b>	<b>1,396,961.17</b>	<b>1,525,632</b>	<b>1,462,878.50</b>	<b>(62,753.50)</b>	<b>1,542,970</b>	<b>17,338</b>
<b>Net Cost To Municipality</b>	<b>585,738.82</b>	<b>656,253</b>	<b>513,938.66</b>	<b>(142,314.34)</b>	<b>702,783</b>	<b>46,530</b>

<b>Municipality of Morris-Turnberry</b>						
<b>Policing Budget</b>						
	<b>2022</b>	<b>2023</b>	<b>2023</b>	<b>2023</b>	<b>2024</b>	<b>2024</b>
	<b>Actual</b>	<b>Budget</b>	<b>Actual</b>	<b>Variance</b>	<b>Budget</b>	<b>Variance</b>
<b><u>Expenditures</u></b>						
<b>OPP Contract</b>						
Current Year Costs	484,977.00	469,524	469,522.00	(2.00)	473,138	3,614
Prior Year Adjustment	(1,401.00)	3,410	3,410.00	-	13,578	10,168
<b>Total Contract Costs</b>	<b>483,576.00</b>	<b>472,934</b>	<b>472,932.00</b>	<b>(2.00)</b>	<b>486,716</b>	<b>13,782</b>
<b>Contributions to Reserves:</b>						
Policing Reserve	2,897.98	10,000	13,573.52	3,573.52	10,000	-
<b>Total Contributions to Reserves</b>	<b>2,897.98</b>	<b>10,000</b>	<b>13,573.52</b>	<b>3,573.52</b>	<b>10,000</b>	<b>-</b>
<b>Total Policing Expenditures</b>	<b>486,473.98</b>	<b>482,934</b>	<b>486,505.52</b>	<b>3,571.52</b>	<b>496,716</b>	<b>13,782</b>
<b><u>Revenues</u></b>						
<b>Operational Revenues:</b>						
OPP Credits	2,021.98	-	3,583.52	3,583.52	-	-
<b>Total Operational Revenues</b>	<b>2,021.98</b>	<b>-</b>	<b>3,583.52</b>	<b>3,583.52</b>	<b>-</b>	<b>-</b>
<b>Grants Revenue:</b>						
Court Security Grant	1,207.00	1,177	1,165.00	(12.00)	1,139	(38)
<b>Total Grant Revenue</b>	<b>1,207.00</b>	<b>1,177</b>	<b>1,165.00</b>	<b>(12.00)</b>	<b>1,139</b>	<b>(38)</b>
<b>Reserve Revenue:</b>						
Policing Reserve	-	-	-	-	13,578	13,578
<b>Total of Reserve Revenue</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>13,578</b>	<b>13,578</b>
<b>Total Policing Revenue</b>	<b>3,228.98</b>	<b>1,177</b>	<b>4,748.52</b>	<b>3,571.52</b>	<b>14,717</b>	<b>13,540</b>
<b>Total Expenditures</b>	<b>486,473.98</b>	<b>482,934</b>	<b>486,505.52</b>	<b>3,571.52</b>	<b>496,716</b>	<b>13,782</b>
<b>Net Cost To Municipality</b>	<b>483,245.00</b>	<b>481,757</b>	<b>481,757.00</b>	<b>-</b>	<b>481,999</b>	<b>242</b>



<b>Municipality of Morris-Turnberry</b>						
<b>Fire Budget</b>						
	<b>2022</b>	<b>2023</b>	<b>2023</b>	<b>2023</b>	<b>2024</b>	<b>2024</b>
	<b>Actual</b>	<b>Budget</b>	<b>Actual</b>	<b>Variance</b>	<b>Budget</b>	<b>Variance</b>
<b><u>Fire Expenditures</u></b>						
<b>Huron East Fire</b>						
Huron East - Operating Levy	84,944.00	101,074	101,074.00	-	99,504	(1,570)
Huron East - Prior Year Reconciliation	-	6,500	6,500.00	-	-	(6,500)
Huron East - Capital - SCBA, Equipment, Bunker Gear	-	143,250	-	(143,250.00)	158,850	15,600
Huron East - Fire Hall, Parking Lot & Lot Expansion	37,500.00	112,500	-	(112,500.00)	168,500	56,000
Huron East - Fire Calls	12,006.34	10,000	12,412.33	2,412.33	10,000	-
<b>North Huron Fire</b>						
North Huron - Contract	185,680.12	201,153	201,153.24	0.24	232,295	31,142
North Huron - Equipment	-	151,785	151,785.00	-	50,970	(100,815)
North Huron - Fire Calls	27,924.66	40,000	39,152.76	(847.24)	40,000	-
North Huron - Fire Hydrant Charge	2,600.00	2,600	2,600.00	-	3,300	700
MT Community Safety Assessment	-	30,000	-	(30,000.00)	30,000	-
Mutual Aid Fees	626.34	630	624.10	(5.90)	630	-
<b>Total Operating Expenditures</b>	<b>351,281.46</b>	<b>799,492</b>	<b>515,301.43</b>	<b>(284,190.57)</b>	<b>794,049</b>	<b>(5,443)</b>
Contributions to Reserves:	24,278.06	50,000	78,440.57	28,440.57	120,000	70,000
<b>Total Contributions to Reserves</b>	<b>24,278.06</b>	<b>50,000</b>	<b>78,440.57</b>	<b>28,440.57</b>	<b>120,000</b>	<b>70,000</b>
<b>Total Fire Expenditures</b>	<b>375,559.52</b>	<b>849,492</b>	<b>593,742.00</b>	<b>(255,750.00)</b>	<b>914,049</b>	<b>64,557</b>
<b><u>Revenues</u></b>						
<b>Operational Revenues:</b>						
HE Fire Levy Rebate - Prior Year	14,205.52	-	-	-	-	-
Unauthorized Burning Recoveries	-	-	-	-	-	-
<b>Total Operational Revenues</b>	<b>14,205.52</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Reserve Revenue:</b>						
Funds for Community Safety Assessment	-	-	-	-	30,000	30,000
Funds for Capital Equipment	-	295,035	151,785.00	(143,250.00)	209,820	(85,215)
Funds for Fire Hall Expansion	37,500.00	112,500	-	(112,500.00)	168,500	56,000
<b>Total of Reserve Revenue</b>	<b>37,500.00</b>	<b>407,535</b>	<b>151,785.00</b>	<b>(255,750.00)</b>	<b>408,320</b>	<b>785</b>
<b>Total Fire Revenues</b>	<b>51,705.52</b>	<b>407,535</b>	<b>151,785.00</b>	<b>(255,750.00)</b>	<b>408,320</b>	<b>785</b>
<b>Total Fire Expenditures</b>	<b>375,559.52</b>	<b>849,492</b>	<b>593,742.00</b>	<b>(255,750.00)</b>	<b>914,049</b>	<b>64,557</b>
<b>Net Cost to the Municipality</b>	<b>323,854.00</b>	<b>441,957</b>	<b>441,957.00</b>	<b>-</b>	<b>505,729</b>	<b>63,772</b>

<b>Municipality of Morris-Turnberry</b>						
<b>Animal Control</b>						
	<b>2022</b>	<b>2023</b>	<b>2023</b>	<b>2023</b>	<b>2024</b>	<b>2024</b>
	<b>Actual</b>	<b>Budget</b>	<b>Actual</b>	<b>Variance</b>	<b>Budget</b>	<b>Variance</b>
<b><u>Expenditure</u></b>						
Animal Control	4,792.91	15,500	10,484.39	(5,015.61)	15,700	200
Coyote Compensation	1,000.00	1,000	1,500.00	500.00	1,000	-
Livestock Claims	1,888.80	1,000	2,090.03	1,090.03	1,000	-
						-
<b>Total Animal Control Expenses</b>	<b>7,681.71</b>	<b>17,500</b>	<b>14,074.42</b>	<b>(3,425.58)</b>	<b>17,700</b>	<b>200</b>
						-
<b><u>Revenues</u></b>						
Dog Tags	11,750.00	12,000	11,500.00	(500.00)	12,000	-
Coyote Compensation	1,000.00	1,000	1,500.00	500.00	1,000	-
Livestock Claims Revenue	2,038.80	1,000	2,240.03	1,240.03	1,000	-
						-
<b>Total Operational Revenues</b>	<b>14,788.80</b>	<b>14,000</b>	<b>15,240.03</b>	<b>1,240.03</b>	<b>14,000</b>	<b>-</b>
						-
						-
<b>Net Cost To Municipality</b>	<b>(7,107.09)</b>	<b>3,500</b>	<b>(1,165.61)</b>	<b>(4,665.61)</b>	<b>3,700</b>	<b>200</b>

<b>Municipality of Morris-Turnberry</b>						
<b>Cross Border Utilities</b>						
	<b>2022</b>	<b>2023</b>	<b>2023</b>	<b>2023</b>	<b>2024</b>	<b>2024</b>
	<b>Actual</b>	<b>Budget</b>	<b>Actual</b>	<b>Variance</b>	<b>Budget</b>	<b>Variance</b>
<b><u>Expenses</u></b>						
North Huron - Water & Sewer	46,441.13	47,000.00	50,187.52	3,187.52	50,000	3,000
Huron East - Water & Sewer	78,791.21	80,000.00	78,458.40	(1,541.60)	80,000	-
<b>Total Cross Border Utilities</b>	<b>125,232.34</b>	<b>127,000.00</b>	<b>128,645.92</b>	<b>1,645.92</b>	<b>130,000</b>	<b>3,000</b>
<b><u>Revenues</u></b>						
Cross Border - NH Water & Sewer	46,441.13	47,000.00	50,187.52	3,187.52	50,000	3,000
Cross Border - HE Water & Sewer	78,791.21	80,000.00	78,458.40	(1,541.60)	80,000	-
<b>Total Operational Revenues</b>	<b>125,232.34</b>	<b>127,000.00</b>	<b>128,645.92</b>	<b>1,645.92</b>	<b>130,000</b>	<b>3,000</b>
<b>Net Cost To Municipality</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

<b>Municipality of Morris-Turnberry Grants &amp; Sponsorships Budget</b>						
	<b>2022 Actual</b>	<b>2023 Budget</b>	<b>2023 Actual</b>	<b>2023 Variance</b>	<b>2024 Budget</b>	<b>2024 Variance</b>
Belgrave, Blyth and Brussels School Fair	-	500	500.00	-	500	-
Howick - Turnberry Fair	500.00	500	500.00	-	500	-
Brussels Agricultural Society	500.00	500	500.00	-	500	-
Huron County Plowmen's Association	125.00	125	125.00	-	125	-
Belgrave Playground Equipment	-	-	-	-	1,000	1,000
Remembrance Day Wreaths - Wingham	80.00	80	80.00	-	80	-
Remembrance Day Wreaths - Brussels	85.00	85	85.00	-	85	-
FE Madill SS - Commencement Awards	750.00	750	750.00	-	750	-
Bluevale Homecoming Loan	-	-	10,000.00	10,000.00	-	-
Huron East Cemetery Plot Grant	4,421.21	9,771	9,770.80	(0.20)	9,356	(415)
Huron East Cemetery Plot Grant Reconciliation	-	-	367.44	367.44	-	-
Wingham & District Professional Recruitment	5,184.00	5,184	5,184.00	-	5,184	-
Early Investments in Education (NWMO)	250.00	24,750	500.00	(24,250.00)	-	(24,750)
Vance Foundation - WGCC Upgrades	-	-	-	-	117,375	117,375
<b>Total Grant Payments</b>	<b>11,895.21</b>	<b>42,245</b>	<b>28,362.24</b>	<b>(13,882.76)</b>	<b>135,455</b>	<b>93,210</b>
<b>Contributions to Reserves:</b>						
Early Investments in Education (NWMO)	24,750.00	-	-	-	-	-
Vance Foundation - WGCC Upgrades	-	-	117,375.00	117,375.00	-	-
<b>Total Contributions to Reserves</b>	<b>24,750.00</b>	<b>-</b>	<b>117,375.00</b>	<b>117,375.00</b>	<b>-</b>	<b>-</b>
<b>Total Grants Expenditures</b>	<b>36,645.21</b>	<b>42,245</b>	<b>145,737.24</b>	<b>103,492.24</b>	<b>135,455</b>	<b>93,210</b>

<b>Municipality of Morris-Turnberry Grants &amp; Sponsorships Budget</b>						
	<b>2022 Actual</b>	<b>2023 Budget</b>	<b>2023 Actual</b>	<b>2023 Variance</b>	<b>2024 Budget</b>	<b>2024 Variance</b>
<b>Revenues</b>						
<b>Operational Revenues:</b>						
Bluevale Homecoming Loan Receivable	-	-	10,000.00	10,000.00	-	-
<b>Total Operational Revenues</b>	<b>-</b>	<b>-</b>	<b>10,000.00</b>	<b>10,000.00</b>	<b>-</b>	<b>-</b>
<b>Grants Revenue:</b>						
Early Investments in Education (NWMO)	25,000.00	-	-	-	-	-
Vance Foundation - WGCC Upgrades	-	-	117,375.00	117,375.00	-	-
<b>Total Grant Revenue</b>	<b>25,000.00</b>	<b>-</b>	<b>117,375.00</b>	<b>117,375.00</b>	<b>-</b>	<b>-</b>
<b>Reserve Revenue:</b>						
Early Investments in Education (NWMO)	-	24,750	500.00	(24,250.00)	-	(24,750)
Vance Foundation - WGCC Upgrades	-	-	-	-	117,375	117,375
<b>Total of Reserve Revenue</b>	<b>-</b>	<b>24,750</b>	<b>500.00</b>	<b>(24,250.00)</b>	<b>117,375</b>	<b>92,625</b>
<b>Total Revenues</b>	<b>25,000.00</b>	<b>24,750</b>	<b>127,875.00</b>	<b>103,125.00</b>	<b>117,375</b>	<b>92,625</b>
<b>Total Grant Expenditures</b>	<b>36,645.21</b>	<b>42,245</b>	<b>145,737.24</b>	<b>103,492.24</b>	<b>135,455</b>	<b>93,210</b>
<b>Net Cost to the Municipality</b>	<b>11,645.21</b>	<b>17,495</b>	<b>17,862.24</b>	<b>367.24</b>	<b>18,080</b>	<b>585</b>

<b>Municipality of Morris-Turnberry</b>						
<b>Recreation Budget</b>						
	<b>2022</b>	<b>2023</b>	<b>2023</b>	<b>2023</b>	<b>2024</b>	<b>2024</b>
	<b>Actual</b>	<b>Budget</b>	<b>Actual</b>	<b>Variance</b>	<b>Budget</b>	<b>Variance</b>
<b>Support:</b>						
Belgrave Recreation	6,242.00	6,242	6,242.00	-	6,242	-
Operations Grant for Bluevale CC	2,040.00	2,040	2,040.00	-	2,040	-
North Huron - NHWCC - Arena	45,000.00	48,105	48,105.00	-	34,488	(13,617)
North Huron - NHWCC - Pool	35,000.00	37,415	37,415.00	-	34,066	(3,349)
North Huron - Blyth - Arena	35,000.00	37,415	37,415.00	-	17,545	(19,870)
<b>Total Recreation Grants</b>	<b>123,282.00</b>	<b>131,217</b>	<b>131,217.00</b>	<b>-</b>	<b>94,381</b>	<b>(36,836)</b>
<b>Commitments:</b>						
Belmore CC (Howick Twp.)	3,745.44	3,800	3,799.05	(0.95)	3,943	143
BMGCC Operating Levy	59,459.00	90,385	90,385.00	-	101,744	11,359
BMGCC Capital	-	50,400	-	(50,400.00)	85,400	35,000
BMG Pool Capital	-	-	-	-	9,400	9,400
BMG Ball Diamond Regrading	-	-	-	-	10,000	10,000
BMGCC Renovations	-	469,900	469,900.00	-	-	(469,900)
<b>Total Rec Commitments</b>	<b>63,204.44</b>	<b>614,485</b>	<b>564,084.05</b>	<b>(50,400.95)</b>	<b>210,487</b>	<b>(403,998)</b>
<b>Bluevale Community Committee:</b>						
Chairlift Maintenance & Licence	403.80	1,000	949.00	(51.00)	1,000	-
Bluevale Hall Door Replacement	-	10,300	9,305.94	(994.06)	-	(10,300)
Bluevale Hall - Iron Filter	-	-	2,391.36	2,391.36	-	-
Bluevale Hall - Misc Expenses	-	-	77.11	77.11	-	-
COVID - Support	-	3,600	-	(3,600.00)	3,600	-
Hall Rentals Paid to BCC	1,422.00	3,500	4,388.20	888.20	3,500	-
<b>Total BCC &amp; Hall</b>	<b>1,825.80</b>	<b>18,400</b>	<b>17,111.61</b>	<b>(1,288.39)</b>	<b>8,100</b>	<b>(10,300)</b>
<b>Contributions to Reserves:</b>						
BMG Renovations	127,680.00	-	-	-	-	-
Recreation Reserve	-	20,000	20,000.00	-	20,000	-
<b>Total Contributions to Reserves</b>	<b>127,680.00</b>	<b>20,000</b>	<b>20,000.00</b>	<b>-</b>	<b>20,000</b>	<b>-</b>
<b>Total Recreation Expenditures</b>	<b>315,992.24</b>	<b>784,102</b>	<b>732,412.66</b>	<b>(51,689.34)</b>	<b>332,968</b>	<b>(451,134)</b>

<b>Municipality of Morris-Turnberry</b>						
<b>Recreation Budget</b>						
	<b>2022</b>	<b>2023</b>	<b>2023</b>	<b>2023</b>	<b>2024</b>	<b>2024</b>
	<b>Actual</b>	<b>Budget</b>	<b>Actual</b>	<b>Variance</b>	<b>Budget</b>	<b>Variance</b>
<b>Revenues</b>						
<b>Operational Revenues:</b>						
Hall Rentals Collected for BCC	1,422.00	3,500	4,388.20	888.20	3,500	-
<b>Total Operational Revenues</b>	<b>1,422.00</b>	<b>3,500</b>	<b>4,388.20</b>	<b>888.20</b>	<b>3,500</b>	<b>-</b>
<b>Grant Revenue:</b>						
Enabling Accessibility Fund (Hall Door)	-	8,194	8,194.00	-	-	(8,194)
<b>Total Grant Revenue</b>	<b>-</b>	<b>8,194</b>	<b>8,194.00</b>	<b>-</b>	<b>-</b>	<b>(8,194)</b>
<b>Reserve Revenue:</b>						
COVID Safe Start Reserve	-	3,600	-	(3,600.00)	3,600	-
Recreation Reserve	-	50,400	-	(50,400.00)	104,800	54,400
BMG Renovation Reserve	63,500.00	469,900	469,900.00	-	-	(469,900)
Contingency Grant Reserve	20,000.00	-	-	-	-	-
<b>Total of Reserve Revenue</b>	<b>83,500.00</b>	<b>523,900</b>	<b>469,900.00</b>	<b>(54,000.00)</b>	<b>108,400</b>	<b>(415,500)</b>
<b>Total Recreation Revenues</b>	<b>84,922.00</b>	<b>535,594</b>	<b>482,482.20</b>	<b>(53,111.80)</b>	<b>111,900</b>	<b>(423,694)</b>
<b>Total Recreation Expenditures</b>	<b>315,992.24</b>	<b>784,102</b>	<b>732,412.66</b>	<b>(51,689.34)</b>	<b>332,968</b>	<b>(451,134)</b>
<b>Net Cost to the Municipality</b>	<b>231,070.24</b>	<b>248,508</b>	<b>249,930.46</b>	<b>1,422.46</b>	<b>221,068</b>	<b>(27,440)</b>

<b>Municipality of Morris-Turnberry</b>						
<b>Belgrave Development Budget</b>						
	<b>2022</b>	<b>2023</b>	<b>2023</b>	<b>2023</b>	<b>2024</b>	<b>2024</b>
	<b>Actual</b>	<b>Budget</b>	<b>Actual</b>	<b>Variance</b>	<b>Budget</b>	<b>Variance</b>
<b>Belgrave Development Expenses:</b>						
<u>Carrying Costs:</u>						
Hydro	779.46	-	-	-	-	-
Property Taxes	491.95	-	-	-	-	-
Misc. (Grass Cutting)	936.77	-	-	-	-	-
Land Sale Expenses	62,002.13	-	-	-	-	-
<u>Development Costs:</u>						
Consultant, Engineering & Studies	2,474.04	-	-	-	-	-
Servicing (Rds., Hydro, Water)	44,277.26	150,000	-	(150,000.00)	150,000	-
<b>Total Carrying &amp; Development Costs</b>	<b>110,961.61</b>	<b>150,000</b>	<b>-</b>	<b>(150,000.00)</b>	<b>150,000</b>	<b>-</b>
<b>Loan Payments:</b>						
Infrastructure Ontario Loan Payments	64,933.24	64,933	64,931.85	(1.15)	64,931	(2)
<b>Total Loan Payments</b>	<b>64,933.24</b>	<b>64,933</b>	<b>64,931.85</b>	<b>(1.15)</b>	<b>64,931</b>	<b>(2)</b>
<b>Contribution to Reserves</b>						
Development Reserve - Future Loan Payments	843,996.10	-	-	-	-	-
Development Reserve - Future Capital Work	150,000.00	-	-	-	-	-
Roads - AM - Belgrave Storm Plan	30,000.00	-	-	-	-	-
Development Reserve - Nitrate Study	30,000.00	-	-	-	-	-
Fire Reserve - Hall Renovation	150,000.00	-	-	-	-	-
Fire Reserve - SCBA Equipment	274,000.00	-	-	-	-	-
Recreation - BMG Renovation	342,220.00	-	-	-	-	-
Recreation - BMG Repairs	10,400.00	-	-	-	-	-
Recreation Reserve	50,000.00	-	-	-	-	-
Working Reserve - Ratepayer Benefit	294,000.00	-	-	-	-	-
Surplus to Reserve for Investment	250,000.00	-	-	-	-	-
Working Reserve	78,622.13	-	-	-	-	-
<b>Total Contributions to Reserve</b>	<b>2,503,238.23</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Expenses</b>	<b>2,679,133.08</b>	<b>214,933</b>	<b>64,931.85</b>	<b>(150,001.15)</b>	<b>214,931</b>	<b>(2)</b>



<b>Municipality of Morris-Turnberry</b>						
<b>Belgrave Development Budget</b>						
	<b>2022</b>	<b>2023</b>	<b>2023</b>	<b>2023</b>	<b>2024</b>	<b>2024</b>
	<b>Actual</b>	<b>Budget</b>	<b>Actual</b>	<b>Variance</b>	<b>Budget</b>	<b>Variance</b>
<b>Revenues:</b>						
Sell House / Lots	2,678,530.00	-	-	-	-	-
Land Rental	603.08	-	-	-	-	-
<b>Total Operating &amp; Loan Revenue</b>	<b>2,679,133.08</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Grant Revenue</b>						
<b>Total Grant Revenue</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Reserve Revenue</b>						
Development Reserve	-	-	-	-	-	-
Dev Reserve - Future Loan Payments	-	64,933	64,931.85	(1.15)	64,931	(2)
Dev Reserve - Future Capital Work	-	150,000	-	(150,000.00)	150,000	-
<b>Total Reserve Revenue</b>	<b>-</b>	<b>214,933</b>	<b>64,931.85</b>	<b>(150,001.15)</b>	<b>214,931</b>	<b>(2)</b>
<b>Total Revenues</b>	<b>2,679,133.08</b>	<b>214,933</b>	<b>64,931.85</b>	<b>(150,001.15)</b>	<b>214,931</b>	<b>(2)</b>
<b>Total Expenditures</b>	<b>2,679,133.08</b>	<b>214,933</b>	<b>64,931.85</b>	<b>(150,001.15)</b>	<b>214,931</b>	<b>(2)</b>
<b>Net Cost to Municipality</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

<b>Municipality of Morris-Turnberry</b>							
<b>Assessment Roll Change</b>							
<b>Start of Year Assessment Comparison</b>							
	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>%</b>
	<b>Returned</b>	<b>Returned</b>	<b>Returned</b>	<b>Returned</b>	<b>Returned</b>	<b>Returned</b>	<b>Assessment</b>
	<b>Assessment</b>	<b>Assessment</b>	<b>Assessment</b>	<b>Assessment</b>	<b>Assessment</b>	<b>Assessment</b>	<b>Change</b>
	<b>(taxable portion)</b>	<b>(taxable portion)</b>	<b>(taxable portion)</b>	<b>(taxable portion)</b>	<b>(taxable portion)</b>	<b>(taxable portion)</b>	<b>New &amp; Growth</b>
Res & Farm	259,054,891	282,887,871	285,390,362	287,367,762	296,839,862	289,105,062	-2.606%
Farmlands	662,341,752	749,473,638	755,732,738	761,127,038	760,037,338	772,125,538	1.590%
Farmlands 1	176,250	186,000	186,000	186,000	188,000	188,000	0.000%
Managed Forest	5,363,585	5,638,400	5,396,000	5,797,900	5,609,400	5,759,100	2.669%
Pipeline	2,376,142	2,408,000	2,410,000	2,420,000	2,438,000	2,447,000	0.369%
<u>Commercial</u>							
Occupied	21,947,430	24,335,400	26,079,300	28,625,800	30,847,000	32,465,300	5.246%
Vacant & Excess	929,219	618,800	690,400	548,400	548,400	548,400	0.000%
<u>Industrial</u>							
Occupied	8,861,903	9,014,100	8,667,000	9,473,300	9,200,300	10,252,700	11.439%
Vacant & Excess	603,945	1,029,100	1,113,100	1,113,100	1,113,100	1,113,100	0.000%
Large Industrial	3,608,425	3,663,900	3,663,900	3,663,900	3,663,900	3,663,900	0.000%
<b>Taxable total</b>	<b>965,263,542</b>	<b>1,079,255,209</b>	<b>1,089,328,800</b>	<b>1,100,323,200</b>	<b>1,110,485,300</b>	<b>1,117,668,100</b>	<b>0.647%</b>
In lieu properties	717,004	899,400	899,100	899,100	905,100	905,100	0.000%
Landfill PIL	190,840	212,100	212,100	212,100	212,100	212,100	0.000%
Exempt properties	15,298,570	17,248,491	16,276,600	16,915,300	16,004,800	35,793,000	123.639%
<b>Total</b>	<b>981,469,956</b>	<b>1,097,615,200</b>	<b>1,106,716,600</b>	<b>1,118,349,700</b>	<b>1,127,607,300</b>	<b>1,154,578,300</b>	<b>2.392%</b>
							from 2023

		<b>Municipality of Morris-Turnberry</b>					
		<b>Tax Rates</b>					
		<b>FOR THE YEAR</b>		<b>2024</b>			
		2024	2024	2024	<b>2024</b>		
		<b>Municipal</b>	<b>County</b>	<b>Education</b>	<b>Total</b>		
	<b>Residential</b>						
RT	Occupied	0.00916264	0.00523593	0.00153000	<b>0.01592857</b>		
R1	Farm Awaiting Develop	0.00229066	0.00130898	0.00038250	<b>0.00398214</b>		
FT	<b>Farmland</b>	0.00229066	0.00130898	0.00038250	<b>0.00398214</b>		
TT	<b>Managed Forest</b>	0.00229066	0.00130898	0.00038250	<b>0.00398214</b>		
	<b>Commercial</b>						
CT	Occupied	0.01007890	0.00575952	0.00880000	<b>0.02463842</b>		
C7	Small Scale on Farm Business	0.00251973	0.00143988	0.00220000	<b>0.00615961</b>		
CU	Excess Land	0.01007890	0.00575952	0.00880000	<b>0.02463842</b>		
CX	Vacant Land	0.01007890	0.00575952	0.00880000	<b>0.02463842</b>		
	<b>Industrial</b>						
IT	Occupied	0.01007890	0.00575952	0.00880000	<b>0.02463842</b>		
IH	Occupied, Shared PIL	0.01007890	0.00575952	0.00980000	<b>0.02563842</b>		
IU	Excess Land	0.01007890	0.00575952	0.00880000	<b>0.02463842</b>		
IX	Vacant Land	0.01007890	0.00575952	0.00880000	<b>0.02463842</b>		
IJ	Vacant Land, Shared PIL	0.01007890	0.00575952	0.00980000	<b>0.02563842</b>		
LT	Large Industrial	0.01007890	0.00575952	0.00880000	<b>0.02463842</b>		
PT	<b>Pipeline</b>	0.00641385	0.00366515	0.00458716	<b>0.01466616</b>		
		Average Single Family Home in MT		\$226,031	\$3,475.54	approximate 2023 Taxes	
		0.00%	2024 Est. Residential Assessment Growth				
			2024 Est Residential Property Assessed at:		\$226,031	\$0.00	Increase from assessment
		3.59%	2024 Property Tax Blended Rate increase			\$124.81	Increase from Rate Change
						\$124.81	Total Increase
						\$3,600.35	Approx. 2024 Property Taxes
						3.59%	Total Increase

		<b>2024 Municipal Rates</b>						
		<b>Assessment</b>	<b>Tax Ratio</b>	<b>% of Full Rate</b>	<b>Weighted Ratio</b>	<b>Weighted Assessment</b>	<b>Tax Rate</b>	<b>Proof of Tax</b>
<b>Residential</b>								
RT	Occupied	289,105,062	1.00	100%	1.00	289,105,062	<b>0.00916264</b>	2,648,965.61
R1	Farm Awaiting Develop	188,000	1.00	25%	0.25	47,000	<b>0.00229066</b>	430.64
FT	<b>Farmland</b>	772,125,538	0.25	100%	0.25	193,031,385	<b>0.00229066</b>	1,768,677.08
TT	<b>Managed Forest</b>	5,759,100	0.25	100%	0.25	1,439,775	<b>0.00229066</b>	13,192.14
<b>Commercial</b>								
CT	Occupied	32,418,400	1.10	100%	1.10	35,660,240	<b>0.01007890</b>	326,741.81
C7	Small Scale on Farm Business	46,900	1.10	25%	0.28	12,898	<b>0.00251973</b>	118.18
CU	Excess Land	64,900	1.10	100%	1.10	71,390	<b>0.01007890</b>	654.12
CX	Vacant Land	483,500	1.10	100%	1.10	531,850	<b>0.01007890</b>	4,873.15
<b>Industrial</b>								
IT	Occupied	10,252,700	1.10	100%	1.10	11,277,970	<b>0.01007890</b>	103,335.94
IH	Occupied, Shared PIL	171,900	1.10	100%	1.10	189,090	<b>0.01007890</b>	1,732.56
IU	Excess Land	266,600	1.10	100%	1.10	293,260	<b>0.01007890</b>	2,687.03
IX	Vacant Land	846,500	1.10	100%	1.10	931,150	<b>0.01007890</b>	8,531.79
IJ	Vacant Land, Shared PIL	3,400	1.10	100%	1.10	3,740	<b>0.01007890</b>	34.27
LT	Large Industrial	3,663,900	1.10	100%	1.10	4,030,290	<b>0.01007890</b>	36,928.08
PT	<b>Pipeline</b>	2,447,000	0.70	100%	0.70	1,712,900	<b>0.00641385</b>	15,694.69
<b>Total</b>		<b>1,117,843,400</b>				<b>538,337,999</b>		<b>4,932,597.09</b>
						<b>To collect:</b>	<b>\$4,932,595</b>	
						<i>2023 Budgeted Tax Revenue</i>	<i>\$4,772,723</i>	
						<b>2024 Additional Tax Revenue</b>	<b>\$159,872</b>	<b>3.35% Levy Increase</b>
<b>Residential Rate</b>								
	2019 Municipal Tax Rate				0.00741390	-6.91%	decrease	
	2020 Municipal Tax Rate				0.00771237	4.03%	Increase	
	2021 Municipal Tax Rate				0.00786343	1.96%	Increase	
	2022 Municipal Tax Rate				0.00843720	7.30%	Increase	
	2023 Municipal Tax Rate				0.00883724	4.74%	Increase	
	<b>2024 Municipal Tax Rate</b>				<b>0.00916264</b>	<b>3.68%</b>	<b>Increase</b>	

		<b>2024 County Rates</b>						
		<b>Assessment</b>	<b>Tax Ratio</b>	<b>% of Full Rate</b>	<b>Weighted Ratio</b>	<b>Weighted Assessment</b>	<b>Tax Rate</b>	<b>Proof of Tax</b>
<b>Residential</b>								
RT	Occupied	289,105,062	1.00	100%	1.00	289,105,062	<b>0.00523593</b>	1,513,733.87
R1	Farm Awaiting Develop	188,000	0.25	100%	0.25	47,000	<b>0.00130898</b>	246.09
FT	<b>Farmland</b>	772,125,538	0.25	100%	0.25	193,031,385	<b>0.00130898</b>	1,010,696.89
TT	<b>Managed Forest</b>	5,759,100	0.25	100%	0.25	1,439,775	<b>0.00130898</b>	7,538.55
<b>Commercial</b>								
CT	Occupied	32,418,400	1.10	100%	1.10	35,660,240	<b>0.00575952</b>	186,714.42
C7	Small Scale on Farm Business	46,900	1.10	25%	0.28	12,898	<b>0.00143988</b>	67.53
CU	Excess Land	64,900	1.10	100%	1.10	71,390	<b>0.00575952</b>	373.79
CX	Vacant Land	483,500	1.10	100%	1.10	531,850	<b>0.00575952</b>	2,784.73
<b>Industrial</b>								
IT	Occupied	10,252,700	1.10	100%	1.10	11,277,970	<b>0.00575952</b>	59,050.63
IH	Occupied, Shared PIL	171,900	1.10	100%	1.10	189,090	<b>0.00575952</b>	990.06
IU	Excess Land	266,600	1.10	100%	1.10	293,260	<b>0.00575952</b>	1,535.49
IX	Vacant Land	846,500	1.10	100%	1.10	931,150	<b>0.00575952</b>	4,875.43
IJ	Vacant Land, Shared PIL	3,400	1.10	100%	1.10	3,740	<b>0.00575952</b>	19.58
LT	Large Industrial	3,663,900	1.10	100%	1.10	4,030,290	<b>0.00575952</b>	21,102.31
PT	<b>Pipeline</b>	2,447,000	0.70	100%	0.70	1,712,900	<b>0.00366515</b>	8,968.62
<b>Total</b>		<b>1,117,843,400</b>				<b>538,337,999</b>		<b>2,818,697.99</b>
		<b>Residential Rate</b>						
		2019 County Tax Rate			0.00464232	-2.98%	Decrease	
		2020 County Tax Rate			0.00457022	-1.55%	Decrease	
		2021 County Tax Rate			0.00460558	0.77%	Increase	
		2022 County Tax Rate			0.00470373	2.13%	Increase	
		2023 County Tax Rate			0.00500913	6.49%	Increase	
		<b>2024 County Tax Rate</b>			<b>0.00523593</b>	<b>4.53%</b>	<b>Increase</b>	

		2024	Education Rates						
		Assessment	Tax Ratio	% of Full Rate	Weighted Ratio	Weighted Assessment	Tax Rate	Proof of Tax	
<b>Residential</b>									
RT	Occupied	289,105,062	1.00	100%	1.00	289,105,062	<b>0.00153000</b>	442,330.74	
R1	Farm Awaiting Develop	188,000	0.25	100%	0.25	47,000	<b>0.00038250</b>	71.91	
FT	<b>Farmland</b>	772,125,538	0.25	100%	0.25	193,031,385	<b>0.00038250</b>	295,338.02	
TT	<b>Managed Forest</b>	5,759,100	0.25	100%	0.25	1,439,775	<b>0.00038250</b>	2,202.86	
<b>Commercial</b>									
CT	Occupied	32,418,400	1.00	100%	1.00	32,418,400	<b>0.00880000</b>	285,281.92	
C7	Small Scale on Farm Business	46,900	1.00	25%	0.25	11,725	<b>0.00220000</b>	103.18	
CU	Excess Land	64,900	1.00	100%	1.00	64,900	<b>0.00880000</b>	571.12	
CX	Vacant Land	483,500	1.00	100%	1.00	483,500	<b>0.00880000</b>	4,254.80	
<b>Industrial</b>									
IT	Occupied	10,252,700	1.00	100%	1.00	10,252,700	<b>0.00880000</b>	90,223.76	
IH	Occupied, Shared PIL	171,900	1.00	100%	1.00	171,900	<b>0.00980000</b>	1,684.62	
IU	Excess Land	266,600	1.00	100%	1.00	266,600	<b>0.00880000</b>	2,346.08	
IX	Vacant Land	846,500	1.00	100%	1.00	846,500	<b>0.00880000</b>	7,449.20	
IJ	Vacant Land, Shared PIL	3,400	1.00	100%	1.00	3,400.00	<b>0.00980000</b>	33.32	
LT	Large Industrial	3,663,900	1.00	100%	1.00	3,663,900	<b>0.00880000</b>	32,242.32	
PT	<b>Pipeline</b>	2,447,000	0.70	100%	0.70	1,712,900	<b>0.00458716</b>	11,224.78	
<b>Total</b>		<b>1,117,843,400</b>				<b>533,519,647</b>		<b>1,175,358.63</b>	
		<b>Residential Rate</b>							
		2019 Education Rate			0.00161000	-5.294%	Decrease		
		2020 Education Rate			0.00153000	-4.969%	Decrease		
		2021 Education Rate			0.00153000	0.000%	No Change		
		2022 Education Rate			0.00153000	0.000%	No Change		
		2023 Education Rate			0.00153000	0.000%	No Change		
		<b>2024 Education Rate</b>			<b>0.00153000</b>	<b>0.000%</b>	<b>No Change</b>		

<b>Municipality of Morris-Turnberry</b>							
<b>Streetlight Budget</b>							
	<b>2022</b>	<b>2023</b>	<b>2023</b>	<b>2023</b>	<b>2024</b>	<b>2024</b>	
	<b>Actual</b>	<b>Budget</b>	<b>Actual</b>	<b>Variance</b>	<b>Budget</b>	<b>Variance</b>	
<b>Expenses:</b>							
Hydro	11,870.82	12,500	11,912.02	(587.98)	12,500	-	
Repairs & Maintenance	1,143.65	1,500	1,169.59	(330.41)	1,500	-	
Brussels (HE) Streetlights	358.81	500	500.00	-	660	160	
<b>Reserve:</b>							
Contribution to Reserve	23,260.36	10,000	14,925.07	4,925.07	10,000	-	
<b>Total Expenditures</b>	<b>36,633.64</b>	<b>24,500</b>	<b>28,506.68</b>	<b>4,006.68</b>	<b>24,660</b>	<b>160</b>	
<b>Revenues:</b>							
MT Ratepayers	35,615.91	23,400	27,410.16	4,010.16	23,400	-	
MT Ratepayers in Brussels	421.78	500	499.98	(0.02)	660	160	
Wescast Streetlights	156.24	150	156.24	6.24	150	-	
North Huron - Belgrave	439.71	450	440.30	(9.70)	450	-	
<b>Total Revenues</b>	<b>36,633.64</b>	<b>24,500</b>	<b>28,506.68</b>	<b>4,006.68</b>	<b>24,660</b>	<b>160</b>	
<b>Net Cost to Municipality</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	

<b>MT Streetlight Rates</b>								
		<b>Assessment</b>	<b>Tax Ratio</b>	<b>% of Full Rate</b>	<b>Weighted Ratio</b>	<b>Weighted Assessment</b>	<b>Tax Rate</b>	<b>Proof of Tax</b>
	<b>Residential</b>							
RT	Occupied	97,467,200	1.00	100%	1.00	97,467,200	<b>0.00019782</b>	19,280.96
R1	Farm Awaiting Develop		0.25	100%	0.25	-	<b>0.00004946</b>	-
FT	<b>Farmland</b>	2,504,800	0.25	100%	0.25	626,200	<b>0.00004946</b>	123.89
TT	<b>Managed Forest</b>	46,900	0.25	100%	0.25	11,725	<b>0.00004946</b>	2.32
	<b>Commercial</b>							
CT	Occupied	11,538,800	1.10	100%	1.10	12,692,680	<b>0.00021760</b>	2,510.84
C7	Small Scale on Farm Business		1.10	25%	0.28	-	<b>0.00005440</b>	-
CU	Excess Land	16,600	1.10	100%	1.10	18,260	<b>0.00021760</b>	3.61
CX	Vacant Land	34,500	1.10	100%	1.10	37,950	<b>0.00021760</b>	7.51
	<b>Industrial</b>							
IT	Occupied	5,788,100	1.10	100%	1.10	6,366,910	<b>0.00021760</b>	1,259.49
IH	Occupied, Shared PIL		1.10	100%	1.10	-	<b>0.00021760</b>	-
IU	Excess Land	123,300	1.10	100%	1.10	135,630	<b>0.00021760</b>	26.83
IX	Vacant Land	846,500	1.10	100%	1.10	931,150	<b>0.00021760</b>	184.20
IJ	Vacant Land, Shared PIL		1.10	100%	1.10	-	<b>0.00021760</b>	-
LT	Large Industrial		1.10	100%	1.10	-	<b>0.00021760</b>	-
PT	<b>Pipeline</b>		0.70	100%	0.70	-	<b>0.00013847</b>	-
	<b>Total</b>	<b>118,366,700</b>				<b>118,287,705</b>		<b>23,399.65</b>
						<b>To collect:</b>	<b>\$23,400.00</b>	
						<b>2024 streetlight rate</b>	<b>0.00019782</b>	



**Municipality of Morris Turnberry  
Reserves**

	2023 Opening Balance	2023 Projected Contributions	2023 Projected Withdrawals	2023 Closing Balance	2024 Budgeted Contributions	2024 Budgeted Withdrawals	2024 Budgeted Closing Balance
<b>Working:</b>							
General Reserve	250,243.49	160,651.69	(66,498.25)	344,396.93	25,000	-	369,396.93
Ratepayer Benefit	294,000.00	-	(58,800.00)	235,200.00	-	(58,800)	176,400.00
Health & Safety Reserve	-	4,000.00	-	4,000.00	-	-	4,000.00
Cannabis Funds	18,579.00	-	-	18,579.00	-	-	18,579.00
COVID - Safe Start Funds	69,721.02	-	(3,869.26)	65,851.76	-	(8,600)	57,251.76
<b>Investments:</b>	250,000.00	-	-	250,000.00	-	-	250,000.00
<b>Health Benefit:</b>	11,425.00	-	-	11,425.00	-	-	11,425.00
<b>Landfill:</b>							
Turnberry Ward Landfill	5,950.00	-	-	5,950.00	-	-	5,950.00
Morris Ward Landfill	114,060.00	70,628.56	-	184,688.56	40,000	(31,500)	193,188.56
MT Perpetual Care	80,000.00	15,419.54	-	95,419.54	16,600	-	112,019.54
HE Closure Reserve	17,400.79	2,018.10	-	19,418.89	1,400	-	20,818.89
<b>Recreation:</b>	126,930.00	27,176.27		154,106.27	26,400	(104,800)	75,706.27
BMG Renovation	469,900.00		(469,900.00)	-			-
<b>Grants:</b>							
Leland & Thora Vance Fund	-	117,375.00	-	117,375.00	-	(117,375)	-
<b>Roads:</b>	505,596.51	110,000.00	-	615,596.51	-	-	615,596.51
Bridges & Culverts	300,000.00	354,369.88	-	654,369.88	395,600	-	1,049,969.88
Equipment	250,000.00	285,046.19	-	535,046.19	337,700	-	872,746.19
Winter Damage - Gravel Reserve	50,000.00	-	-	50,000.00	-	-	50,000.00
Asset Management	335,865.38	36,000.00	(8,013.60)	363,851.78	36,000	(29,000)	370,851.78
<b>Federal Gas Tax Funds:</b>	-	-	-	-	-	-	-
<b>Fire:</b>	604,732.60	108,707.25	(151,785.00)	561,654.85	142,600	(408,320)	295,934.85
<b>Policing:</b>	17,659.54	13,573.52	-	31,233.06	10,000	(13,578)	27,655.06
<b>Building Department:</b>							
Accumulated Surplus	75,000.00	-	-	75,000.00	-	(45,221)	29,779.00
Vehicle Replacement	20,000.00	10,000.00	-	30,000.00	10,000	-	40,000.00
<b>Drainage Department:</b>	11,000.00	-	(11,000.00)	-	-	-	-
<b>Development:</b>							
Cullen Reserve	20,623.00	-	-	20,623.00	-	-	20,623.00
Development Reserve	50,000.00	-	(19,956.15)	30,043.85	-	(10,000)	20,043.85
Belgrave Development - Loan	843,996.10	-	(64,931.85)	779,064.25	-	(64,931)	714,133.25
Belgrave Dev. - Future Cap Work	150,000.00	-	-	150,000.00	-	(150,000)	-
<b>Education:</b>							
Belgrave, Blyth & Brussels School Fair	10,000.00	-	-	10,000.00	-	-	10,000.00
School Award	11,926.60	-	-	11,926.60	-	-	11,926.60
Ross Nicholson 140th	4,020.00	-	-	4,020.00	-	-	4,020.00
Early Investment in Education	24,750.00	-	(500.00)	24,250.00	-	-	24,250.00
<b>Physician Recruitment:</b>	8,845.00	-	-	8,845.00	-	-	8,845.00
<b>Cemetery:</b>	27,199.54	-	-	27,199.54	-	-	27,199.54
<b>Parks:</b>							
Parks Reserve	2,000.00	2,000.00	-	4,000.00	6,000	-	10,000.00
Belgrave Kinsmen Park	26,336.64	-	-	26,336.64	-	-	26,336.64
Patton Park	5,042.00	-	-	5,042.00	-	-	5,042.00
<b>Belgrave Water System:</b>	165,520.81	86,655.30	(42,873.21)	209,302.90	76,700	(30,000)	256,002.90
BWS - Asset Management	32,714.00	6,135.00	-	38,849.00	6,135	-	44,984.00
<b>Streetlights:</b>	69,093.38	18,950.34	-	88,043.72	15,100	-	103,143.72
<b>Total Reserves</b>	<b>5,330,130.40</b>	<b>1,428,706.64</b>	<b>(898,127.32)</b>	<b>5,860,709.72</b>	<b>1,145,235</b>	<b>(1,072,125)</b>	<b>5,933,819.72</b>



**CORPORATION OF THE MUNICIPALITY OF MORRIS-TURNBERRY**

**BY-LAW NO. 18 - 2024**

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Being a by-law to adopt the budget and tax rates for the Municipality of Morris-Turnberry for the year 2024.

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**WHEREAS** Section 290 of the Municipal Act, 2001, S.O. 2001, c. 25, as amended, provides that local municipality shall, in the year or the immediately preceding year, prepare and adopt a budget including estimates of all sums required during the year for the purposes of the municipality; and

**WHEREAS** the County of Huron, under the provisions of Section 308, 311 and 312 of the *Municipal Act, S.O., 2001, c.25* as amended, has established tax ratios and a county tax levy for 2024; and

**WHEREAS** the Minister of Finance, under the provisions of Ontario Regulation 400/98, under the *Education Act*, has prescribed the education tax rates; and

**WHEREAS** Section 326 of the *Municipal Act, S.O., 2001, c.25* as amended, authorizes that a municipality may designate the area of a municipality in which residents and property owners receive or will receive an additional benefit from the special service that is not received or will not be received in other areas of the municipality; and

**WHEREAS** Section 398 of the *Municipal Act, S.O. 2001, c.25* as amended, provides that fees and charges imposed by the municipality, upper-tier municipality or local board may be added to the tax roll and collected in the same manner as municipal taxes;

**WHEREAS** it is necessary to levy on the whole rateable property according to the last revised assessment roll of the Municipality of Morris-Turnberry for General, County and Education purposes of the said Municipality of Morris-Turnberry for the current year as set out in the 2024 Budget attached hereto as Schedule 'A';

**NOW THEREFORE**, The Council of the Corporation of Morris-Turnberry hereby enacts as follows:

1. That the revenue and expenditure estimates attached hereto as Schedule 'A' and forming part of this by-law be adopted as the Budget for the year 2024; and
2. That the tax rates as per Schedule 'B' attached hereto and forming part of this by-law shall be levied and charged in 2024; and
3. That the streetlight rates as per Schedule 'C' attached hereto and forming part of this by-law shall be levied and charged in 2024; and
4. That this by-law shall come into force and take effect immediately upon passage.

**Read a FIRST and SECOND time this 2<sup>nd</sup> day of April 2024**

**Read a THIRD time and FINALLY PASSED this 2<sup>nd</sup> day of April 2024**

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Mayor, Jamie Heffer

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Clerk, Trevor Hallam

# Schedule 'A'

<b>Municipality of Morris-Turnberry</b>						
<b>2024 Budget</b>						
	<b>2022</b>	<b>2023</b>	<b>2023</b>	<b>2023</b>	<b>2024</b>	<b>2024</b>
	<b>Actual</b>	<b>Budget</b>	<b>Actual</b>	<b>Variance</b>	<b>Budget</b>	<b>Variance</b>
<b>REVENUE:</b>						
<b>Taxation:</b>						
Municipal Portion	4,461,204.17	4,772,723	4,772,721.73	(1.27)	4,932,595	159,872
County	2,472,737.19	2,705,278	2,680,545.60	(24,732.40)	2,818,698	113,420
Education	1,124,091.37	1,158,968	1,157,422.12	(1,545.88)	1,175,359	16,391
<b>Total Taxation</b>	<b>8,058,032.73</b>	<b>8,636,969</b>	<b>8,610,689.45</b>	<b>(26,279.55)</b>	<b>8,926,652</b>	<b>289,683</b>
<b>Taxation Adjustments:</b>						
Supplementary Tax Billings	55,734.01	50,000	61,550.63	11,550.63	50,000	-
Tax Rebates & W/O	(84,215.39)	(85,000)	(112,621.58)	(27,621.58)	(85,000)	-
Payments In lieu of tax	42,044.38	43,000	43,089.86	89.86	43,000	-
Street Lights	36,633.64	24,500	28,506.68	4,006.68	24,660	160
<b>Grants:</b>						
Ontario Municipal Partnership Fund (OMPF)	385,000.00	369,800	369,800.00	-	365,900	(3,900)
Court Security	1,207.00	1,177	1,165.00	(12.00)	1,139	(38)
Drain Superintendent Grant	10,419.11	16,280	11,374.96	(4,905.04)	17,760	1,480
Gravel Royalties	23,569.02	20,000	29,995.09	9,995.09	24,000	4,000
Canada Community Building Fund	110,876.18	115,697	115,696.88	(0.12)	112,870	(2,827)
OCIF - Ontario Community Infrastructure Fund	232,257.00	267,096	267,096.00	-	307,160	40,064
Waste Grants	47,231.76	45,000	52,473.84	7,473.84	13,000	(32,000)
ICIP - Investing in Canada Infra. Program (M230)	815,462.06	27,990	13,918.68	(14,071.32)	-	(27,990)
Enabling Accessibility Fund (Hall Door)	-	8,194	8,194.00	-	-	(8,194)
Modernization Fund Intake 2 (Radio System)	58,500.00	-	-	-	-	-
Early Investment in Education & Skills (NWMO)	25,000.00	-	-	-	-	-
FCM Asset Management Grant	-	-	50,000.00	50,000.00	-	-
Vance Foundation - WGCC Upgrades	-	-	117,375.00	117,375.00	-	-
<b>Interest:</b>	<b>158,474.52</b>	<b>194,279</b>	<b>337,422.59</b>	<b>143,143.59</b>	<b>338,957</b>	<b>144,678</b>
<b>HST Recovered &amp; Collected on Sales</b>	<b>450,901.04</b>	<b>405,000</b>	<b>381,568.98</b>	<b>(23,431.02)</b>	<b>405,000</b>	<b>-</b>

# Schedule 'A'

<b>Municipality of Morris-Turnberry</b>						
<b>2024 Budget</b>						
	2022 Actual	2023 Budget	2023 Actual	2023 Variance	2024 Budget	2024 Variance
<b>Municipal Drains:</b>						
Drain Maintenance Recoveries	143,972.27	128,000	163,194.75	35,194.75	100,000	(28,000)
Capital Projects Recoveries	252,040.73	791,800	522,269.41	(269,530.59)	732,000	(59,800)
<b>Building Department:</b>	207,813.51	183,680	164,030.36	(19,649.64)	177,600	(6,080)
<b>Property Standards:</b>	830.00	640	5,046.19	4,406.19	640	-
<b>Belgrave Water System:</b>						
Water User Fees	186,589.47	189,435	189,435.21	0.21	197,585	8,150
New User Connection Fees	200.00	500	-	(500.00)	500	-
New User Capital Payments	-	-	-	-	-	-
<b>Waste Disposal:</b>						
Morris Landfill Revenues	205,612.68	204,904	236,462.16	31,558.16	210,115	5,211
Curbside Pickup Program	170,780.00	171,000	171,760.00	760.00	172,000	1,000
<b>Roads:</b>						
Roads	138,270.78	80,000	85,575.37	5,575.37	94,500	14,500
Road Machinery Credit	307,352.50	308,000	304,735.00	(3,265.00)	308,000	-
Sale of equipment	-	34,000	61,100.00	27,100.00	-	(34,000)
<b>Animal Control:</b>	14,788.80	14,000	15,240.03	1,240.03	14,000	-
<b>Cross Border Utilities:</b>	125,232.34	127,000	128,645.92	1,645.92	130,000	3,000
<b>Belgrave Development</b>	2,679,133.08	-	-	-	-	-

# Schedule 'A'

<b>Municipality of Morris-Turnberry</b>						
<b>2024 Budget</b>						
	<b>2022</b>	<b>2023</b>	<b>2023</b>	<b>2023</b>	<b>2024</b>	<b>2024</b>
	<b>Actual</b>	<b>Budget</b>	<b>Actual</b>	<b>Variance</b>	<b>Budget</b>	<b>Variance</b>
<b>Reserve:</b>						
General Reserve - 5yr Ratepayer Benefit	-	58,800	58,800.00	-	58,800	-
General Reserve - New Server & Asset Managemen	-	63,000	40,955.75	(22,044.25)	-	(63,000)
Development Reserve	-	30,000	19,956.15	(10,043.85)	10,000	(20,000)
Cannabis Reserve	-	-	-	-	-	-
Road Encroachment Correction	-	100,000	25,542.50	(74,457.50)	-	(100,000)
Bluevale Road Correction	100,000.00	-	-	-	-	-
COVID Safe Start Funds	10,225.03	9,600	3,869.26	(5,730.74)	8,600	(1,000)
Fire Reserve	37,500.00	407,535	151,785.00	(255,750.00)	408,320	785
Police Reserve	-	-	-	-	13,578	13,578
Building Department Reserve	-	-	-	-	45,221	45,221
Drainage Department Reserve	-	11,000	11,000.00	-	-	(11,000)
Belgrave Water Reserve	40,275.68	60,000	42,873.21	(17,126.79)	30,000	(30,000)
Waste Disposal Reserve	-	-	-	-	31,500	31,500
Roads Dept Reserve	115,000.00	-	-	-	-	-
Roads Dept - Roads Reserve	-	-	-	-	-	-
Roads Dept - Bridge & Culvert Reserve	8,000.00	-	-	-	-	-
Roads Dept - Asset Management	17,334.62	30,000	8,013.60	(21,986.40)	29,000	(1,000)
Federal Gas Tax Reserve	111,409.13	-	-	-	-	-
Municipal Modernization Fund (Radios)	31,500.00	-	-	-	-	-
Contingency Grant Reserve	20,000.00	-	-	-	-	-
Grants - Early Investments in Education (NWMO)	-	24,750	500.00	(24,250.00)	-	(24,750)
Leland & Thora Vance Fund - WGCC Upgrades	-	-	-	-	117,375	117,375
Recreation Reserve	-	50,400	-	(50,400.00)	104,800	54,400
BMG Renovation Reserve	63,500.00	469,900	469,900.00	-	-	(469,900)
Belgrave Development Reserve	-	214,933	64,931.85	(150,001.15)	214,931	(2)
Current Year Deficit	-	-	-	-	-	-

## Schedule 'A'

<b>Municipality of Morris-Turnberry</b>						
<b>2024 Budget</b>						
	<b>2022</b>	<b>2023</b>	<b>2023</b>	<b>2023</b>	<b>2024</b>	<b>2024</b>
	<b>Actual</b>	<b>Budget</b>	<b>Actual</b>	<b>Variance</b>	<b>Budget</b>	<b>Variance</b>
<b>Other Income:</b>						
Zoning Revenue	7,031.88	7,000	6,160.00	(840.00)	7,000	-
Tax Certificates	4,100.00	4,000	3,750.00	(250.00)	4,000	-
Misc. Licences	3,750.00	2,500	2,769.00	269.00	3,000	500
Statement Fees & Mortgage Company Fee	-	-	-	-	5,000	5,000
Planning Revenue	10,437.61	10,000	12,290.30	2,290.30	10,000	-
Planning Revenue - Lane Closure Revenue	1.00	-	-	-	-	-
Planning Revenue - Willis Agreement	20,240.84	20,000	21,200.54	1,200.54	21,200	1,200
In lieu of Parkland	6,300.00	3,000	2,700.00	(300.00)	3,000	-
Bluevale Hall - Rentals Collected for BCC	1,422.00	3,500	4,388.20	888.20	3,500	-
History Book Sales	85.74	-	257.22	257.22	-	-
Misc. Revenue	24,007.07	9,200	14,803.82	5,603.82	9,200	-
Service Line Warranty Royalty	27.30	30	27.54	(2.46)	30	-
Fire Call Recovery	-	-	-	-	-	-
Fire Levy Rebate - Prior Year	14,205.52	-	-	-	-	-
Policing Credits	2,021.98	-	3,583.52	3,583.52	-	-
Bluevale Homecoming Loan Receivable	-	-	10,000.00	10,000.00	-	-
Brussels Sewer Capital on Taxes	-	-	-	-	-	-
BWS Capital on Taxes & Paid	-	-	-	-	-	-
<b>Total Revenues</b>	<b>\$ 15,508,118.62</b>	<b>13,962,089</b>	<b>\$ 13,414,847.92</b>	<b>\$ (547,241.08)</b>	<b>13,820,093</b>	<b>(141,996)</b>

# Schedule 'A'

<b>Municipality of Morris-Turnberry</b>						
<b>2024 Budget</b>						
	2022 Actual	2023 Budget	2023 Actual	2023 Variance	2024 Budget	2024 Variance
<b>Expenditures:</b>						
<b>General Government:</b>	68,227.50	88,500	67,959.12	(20,540.88)	88,500	-
<b>Admin - Staff Expenses:</b>						
Staff Wages, Benefits & Expenses	357,813.47	416,592	400,189.14	(16,402.86)	461,210	44,618
<b>Administration Expenses:</b>						
Office, Utilities, Legal, Insurance, Misc. Exp...	168,303.49	233,950	227,736.03	(6,213.97)	175,875	(58,075)
<b>Taxation:</b>						
Collection Costs, Vacancy Refunds, Write Offs	18,152.39	7,300	4,918.78	(2,381.22)	7,456	156
<b>Planning &amp; Development</b>						
Planning, Economic & Development Exp.	152,990.92	182,200	78,827.78	(103,372.22)	62,200	(120,000)
<b>Conservation:</b>						
Maitland Valley Conservation Authority	92,583.00	97,207	97,207.00	-	105,407	8,200
Saugeen Valley Conservation Authority	3,669.00	4,184	4,184.00	-	4,359	175
SVCA - Water Quality Program	-	-	-	-	191	191
Source Water Protection	7,601.71	7,600	6,682.75	(917.25)	6,700	(900)
<b>Emergency Services:</b>						
	13,071.67	19,500	16,336.48	(3,163.52)	15,000	(4,500)
<b>Recoverable HST Paid on Purchases:</b>						
	450,901.04	405,000	381,568.98	(23,431.02)	405,000	-
<b>Interest &amp; Service Charges</b>						
	38,646.98	38,599	37,937.55	(661.45)	37,372	(1,227)
<b>Police Services</b>						
	483,576.00	472,934	472,932.00	(2.00)	486,716	13,782
<b>Fire Budget:</b>						
	351,281.46	799,492	515,301.43	(284,190.57)	794,049	(5,443)
<b>Animal Control</b>						
	7,681.71	17,500	14,074.42	(3,425.58)	17,700	200
<b>Cross Border Utilities:</b>						
	125,232.34	127,000	128,645.92	1,645.92	130,000	3,000

# Schedule 'A'

<b>Municipality of Morris-Turnberry 2024 Budget</b>						
	<b>2022 Actual</b>	<b>2023 Budget</b>	<b>2023 Actual</b>	<b>2023 Variance</b>	<b>2024 Budget</b>	<b>2024 Variance</b>
<b>Grants:</b>	11,895.21	42,245	28,362.24	(13,882.76)	135,455	93,210
<b>Recreation:</b>						
Program Support	123,282.00	131,217	131,217.00	-	94,381	(36,836)
Commitments	63,204.44	614,485	564,084.05	(50,400.95)	210,487	(403,998)
Bluevale Hall - Expenses	403.80	14,900	12,723.41	(2,176.59)	4,600	(10,300)
Bluevale Hall - Rentals Pd to BCC	1,422.00	3,500	4,388.20	888.20	3,500	-
<b>Belgrave Development:</b>						
Carrying Costs, Consultant, Eng. & Studies	66,684.35	-	-	-	-	-
Servicing (Rds., Hydro, Water)	44,277.26	150,000	-	(150,000.00)	150,000	-
Loan Payments	64,933.24	64,933	64,931.85	(1.15)	64,931	(2)
<b>Street Lights</b>	13,373.28	14,500	13,581.61	(918.39)	14,660	160
<b>Municipal Drainage:</b>						
Drain Superintendent & Expenses	48,695.22	78,945	66,750.59	(12,194.41)	74,905	(4,040)
Maintenance Projects	143,972.27	128,000	163,194.75	35,194.75	100,000	(28,000)
Capital Drain Projects	252,040.73	791,800	522,269.41	(269,530.59)	732,000	(59,800)
<b>Building Department:</b>	171,261.40	204,000	185,155.97	(18,844.03)	212,821	8,821
<b>Property Standards:</b>	9,661.18	13,900	17,266.49	3,366.49	18,400	4,500
<b>Park &amp; Cemetery Maintenance:</b>	13,122.57	17,500	19,781	2,281.07	13,500	(4,000)
<b>Belgrave Water System</b>	146,998.76	181,800	150,916.62	(30,883.38)	159,950	(21,850)
<b>Waste Disposal:</b>	453,547.69	503,625	506,059.85	2,434.85	480,476	(23,149)
<b>Roads</b>	4,522,530.14	3,505,500	3,242,989.07	(262,510.93)	3,413,000	(92,500)



# Schedule 'A'

<b>Municipality of Morris-Turnberry 2024 Budget</b>						
	2022 Actual	2023 Budget	2023 Actual	2023 Variance	2024 Budget	2024 Variance
<b>Reserve Contributions:</b>						
Building Dept Reserves	40,000.00	10,000	10,000.00	-	10,000	-
Drainage Department Reserve	11,000.00	-	-	-	-	-
Landfill Reserves	61,363.00	38,300	88,066.20	49,766.20	58,000	19,700
General Reserve	397,622.00	25,000	25,000.00	-	25,000	-
Health & Safety Reserve	-	-	4,000.00	4,000.00	-	-
Investment Reserve	250,000.00	-	-	-	-	-
Federal Gas Tax Reserve	-	-	-	-	-	-
Roads Reserves	416,000.00	486,000	785,416.07	299,416.07	769,300	283,300
Streetlights Reserve	23,260.36	10,000	18,950.34	8,950.34	15,100	5,100
Policing Reserve	2,897.98	10,000	13,573.52	3,573.52	10,000	-
Parks Reserve	2,000.00	2,000	2,000.00	-	6,000	4,000
Belgrave Water Reserves	80,066.39	68,135	92,790.30	24,655.30	82,835	14,700
Belgrave Development	1,023,996.23	-	-	-	-	-
Fire Reserve	448,278.06	50,000	108,707.25	58,707.25	142,600	92,600
Early Investments in Education (NWMO)	24,750.00	-	-	-	-	-
Leland & Thora Vance Fund - WGCC Upgrades	-	-	117,375.00	117,375.00	-	-
Recreation - BMG Arena Reno	469,900.00	-	-	-	-	-
Recreation Reserve	60,400.00	20,000	27,176.27	7,176.27	26,400	6,400
Annual Surplus to Reserve	108,717.82	-	135,651.69	135,651.69	-	-
<b>Levies:</b>						
County of Huron	2,472,737.19	2,705,278	2,680,545.60	(24,732.40)	2,818,698	113,420
Education	1,124,091.37	1,158,968	1,157,422.12	(1,545.88)	1,175,359	16,391
<b>Total Expenses</b>	<b>15,508,118.62</b>	<b>13,962,089</b>	<b>13,414,847.92</b>	<b>(547,241.08)</b>	<b>13,820,093</b>	<b>(141,996)</b>
Total Expenses	15,508,118.62	13,962,089	13,414,847.92	(547,241.08)	13,820,093	(141,996)
Total Revenue	15,508,118.62	13,962,089	13,414,847.92	(547,241.08)	13,820,093	(141,996)
	-	-	-	-	-	-
	Balanced	Balanced	Balanced		Balanced	

**Schedule 'B'**

**Municipality of Morris-Turnberry  
2024 Tax Rates & Levy**

<b>RTC</b>	<b>Description</b>	<b>Assessment</b>	<b>Municipal Rate</b>	<b>Municipal Levy</b>	<b>County Rate</b>	<b>County Levy</b>	<b>Education Rate</b>	<b>Education Levy</b>	<b>Total Rate</b>	<b>Total Levy</b>
RT	Residential, Occupied	289,105,062	0.00916264	2,648,966	0.00523593	1,513,734	0.00153000	442,331	<b>0.01592857</b>	4,605,030
R1	Residential, Farm Awaiting Development	188,000	0.00229066	431	0.00130898	246	0.00038250	72	<b>0.00398214</b>	749
FT	Farmland	772,125,538	0.00229066	1,768,677	0.00130898	1,010,697	0.00038250	295,338	<b>0.00398214</b>	3,074,712
TT	Managed Forest	5,759,100	0.00229066	13,192	0.00130898	7,539	0.00038250	2,203	<b>0.00398214</b>	22,934
CT	Commercial, Occupied	32,418,400	0.01007890	326,742	0.00575952	186,714	0.00880000	285,282	<b>0.02463842</b>	798,738
C7	Commercial, Small Scale on Farm Business	46,900	0.00251973	118	0.00143988	68	0.00220000	103	<b>0.00615961</b>	289
CU	Commercial, Excess Land	64,900	0.01007890	654	0.00575952	374	0.00880000	571	<b>0.02463842</b>	1,599
CX	Commercial, Vacant Land	483,500	0.01007890	4,873	0.00575952	2,785	0.00880000	4,255	<b>0.02463842</b>	11,913
IT	Industrial, Occupied	10,252,700	0.01007890	103,336	0.00575952	59,051	0.00880000	90,224	<b>0.02463842</b>	252,610
IH	Industrial, Occupied, Shared PIL	171,900	0.01007890	1,733	0.00575952	990	0.00980000	1,685	<b>0.02563842</b>	4,407
IU	Industrial, Excess Land	266,600	0.01007890	2,687	0.00575952	1,535	0.00880000	2,346	<b>0.02463842</b>	6,569
IX	Industrial, Vacant Land	846,500	0.01007890	8,532	0.00575952	4,875	0.00880000	7,449	<b>0.02463842</b>	20,856
IJ	Industrial, Vacant Land, Shared PIL	3,400	0.01007890	34	0.00575952	20	0.00980000	33	<b>0.02563842</b>	87
LT	Industrial, Large Industrial	3,663,900	0.01007890	36,928	0.00575952	21,102	0.00880000	32,242	<b>0.02463842</b>	90,273
PT	Pipeline	2,447,000	0.00641385	15,695	0.00366515	8,969	0.00458716	11,225	<b>0.01466616</b>	35,888
<b>Total Taxable</b>		<b>1,117,843,400</b>		<b>4,932,597</b>		<b>2,818,698</b>		<b>1,175,359</b>		<b>8,926,654</b>
<b>Payment in Lieu (PIL)</b>										
<b>RTC</b>	<b>Description</b>	<b>Assessment</b>	<b>Municipal Rate</b>	<b>Municipal Levy</b>	<b>County Rate</b>	<b>County Levy</b>	<b>Education Rate</b>	<b>Education Levy</b>	<b>Total Rate</b>	
RF	Residential, Occupied PIL	512,000	0.00916264	4,691	0.00000000	-	0.00000000	-	<b>0.00916264</b>	4,691
CF	Commercial, Occupied PIL	625,800	0.01007890	6,307	0.00575952	3,604	0.00980000	6,133	<b>0.02563842</b>	16,045
CZ	Commercial, Vacant Land PIL	104,000	0.01007890	1,048	0.00575952	599	0.00000000	-	<b>0.01583842</b>	1,647
HF	Landfill PIL	212,100	0.01007890	2,138	0.00575952	1,222	0.00677916	1,438	<b>0.02261758</b>	4,797
<b>Total PIL</b>		<b>1,453,900</b>		<b>14,185</b>		<b>5,425</b>		<b>7,571</b>		<b>27,180</b>
E	Exempt	35,281,000	0.00000000	-	0.00000000	-	0.00000000	-	<b>0.00000000</b>	-
<b>Total Assessment</b>		<b>1,154,578,300</b>								

**Appendix C**

**Schedule 'C'**

**Municipality of Morris-Turnberry  
2024 Streetlight Rate & Levy**

<b>RTC Description</b>	<b>Assessment</b>	<b>Municipal Rate</b>	<b>Municipal Levy</b>
RT Residential, Occupied	97,467,200	0.00019782	19,281
R1 Residential, Farm Awaiting Development	-	0.00004946	-
FT Farmland	2,504,800	0.00004946	124
TT Managed Forest	46,900	0.00004946	2
CT Commercial, Occupied	11,538,800	0.00021760	2,511
C7 Commercial, Small Scale on Farm Business	-	0.00005440	-
CU Commercial, Excess Land	16,600	0.00021760	4
CX Commercial, Vacant Land	34,500	0.00021760	8
IT Industrial, Occupied	5,788,100	0.00021760	1,259
IH Industrial, Occupied, Shared PIL	-	0.00021760	-
IU Industrial, Excess Land	123,300	0.00021760	27
IX Industrial, Vacant Land	846,500	0.00021760	184
IJ Industrial, Vacant Land, Shared PIL	-	0.00021760	-
LT Industrial, Large Industrial	-	0.00021760	-
<b>Total Taxable</b>	<b>118,366,700</b>		<b>23,400</b>

**Municipality of Morris-Turnberry  
2024 Brussels Properties Streetlight Rate & Levy**

<b>RTC Description</b>	<b>Assessment</b>	<b>Municipal Rate</b>	<b>Municipal Levy</b>
RT Residential, Occupied	3,753,100	0.00017097	642
R1 Residential, Farm Awaiting Development	-	0.00004274	-
FT Farmland	-	0.00004274	-
TT Managed Forest	-	0.00004274	-
CT Commercial, Occupied	88,000	0.00018807	17
C7 Commercial, Small Scale on Farm Business	-	0.00004702	-
CU Commercial, Excess Land	-	0.00018807	-
CX Commercial, Vacant Land	-	0.00018807	-
IT Industrial, Occupied	-	0.00018807	-
IH Industrial, Occupied, Shared PIL	-	0.00018807	-
IU Industrial, Excess Land	-	0.00018807	-
IX Industrial, Vacant Land	-	0.00018807	-
IJ Industrial, Vacant Land, Shared PIL	-	0.00018807	-
LT Industrial, Large Industrial	-	0.00018807	-
<b>Total Taxable</b>	<b>3,841,100</b>		<b>658</b>



**CORPORATION OF THE MUNICIPALITY OF MORRIS-TURNBERRY**

**BY-LAW NO. 19 - 2024**

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Being a by-law to confirm the year-end 2023 reserves and establish reserve funds for the year 2024.

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**WHEREAS** Section 290(1) of the Municipal Act 2001, (S.O. 2001 c. 25) provides that a local municipality shall prepare and adopt a budget and Section (4) (g) states that in preparing the budget for a year, the local municipality may provide for such reserves as the municipality considers necessary;

**NOW THEREFORE**, the Council of the Corporation of the Municipality of Morris-Turnberry hereby enacts as follows:

1. **Total Reserves:** that the Schedule 'A' as attached, is a complete listing of the Reserves for the Municipality of Morris-Turnberry, for the year 2024
2. **Excess Funds:** that any excess or deficiency of revenue over expenditure at the year end for the year 2024, be transferred to/from the applicable accounts:
  1. Working Reserve
  2. Health Benefit Reserve
  3. Landfill Reserve
  4. Recreation Reserve
  5. Grants Reserve
  6. Roads Reserve
  7. Federal Gas Tax Funds Reserve
  8. Fire Reserve
  9. Policing Reserve
  10. Building Department Reserve
  11. Drainage Department Reserve
  12. Development Reserve
  13. Education Reserve
  14. Physician Recruitment Reserve
  15. Cemetery Reserve
  16. Parks Reserve
  17. Belgrave Water System Reserve
  18. Streetlights Reserve
3. This by-law comes into force on the final passing thereof and supersedes By-Law #26-2023.
4. The Mayor and Clerk are authorized and directed to execute all documents necessary in that behalf and to affix thereto the Seal of the Corporation.

**Read a FIRST and SECOND time this 2<sup>nd</sup> day of April 2024**

**Read a THIRD time and FINALLY PASSED this 2<sup>nd</sup> day of April 2024**

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Mayor, Jamie Heffer

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Clerk, Trevor Hallam

## Schedule 'A'

### Municipality of Morris Turnberry Reserves

	2023 Opening Balance	2023 Projected Contributions	2023 Projected Withdrawals	2023 Closing Balance	2024 Budgeted Contributions	2024 Budgeted Withdrawals	2024 Budgeted Closing Balance
<b>Working:</b>							
General Reserve	250,243.49	160,651.69	(66,498.25)	344,396.93	25,000	-	369,396.93
Ratepayer Benefit	294,000.00	-	(58,800.00)	235,200.00	-	(58,800)	176,400.00
Health & Safety Reserve	-	4,000.00	-	4,000.00	-	-	4,000.00
Cannabis Funds	18,579.00	-	-	18,579.00	-	-	18,579.00
COVID - Safe Start Funds	69,721.02	-	(3,869.26)	65,851.76	-	(8,600)	57,251.76
<b>Investments:</b>	250,000.00	-	-	250,000.00	-	-	250,000.00
<b>Health Benefit:</b>	11,425.00	-	-	11,425.00	-	-	11,425.00
<b>Landfill:</b>							
Turnberry Ward Landfill	5,950.00	-	-	5,950.00	-	-	5,950.00
Morris Ward Landfill	114,060.00	70,628.56	-	184,688.56	40,000	(31,500)	193,188.56
MT Perpetual Care	80,000.00	15,419.54	-	95,419.54	16,600	-	112,019.54
HE Closure Reserve	17,400.79	2,018.10	-	19,418.89	1,400	-	20,818.89
<b>Recreation:</b>	126,930.00	27,176.27		154,106.27	26,400	(104,800)	75,706.27
BMG Renovation	469,900.00		(469,900.00)	-			-
<b>Grants:</b>							
Leland & Thora Vance Fund	-	117,375.00	-	117,375.00	-	(117,375)	-
<b>Roads:</b>	505,596.51	110,000.00	-	615,596.51	-	-	615,596.51
Bridges & Culverts	300,000.00	354,369.88	-	654,369.88	395,600	-	1,049,969.88
Equipment	250,000.00	285,046.19	-	535,046.19	337,700	-	872,746.19
Winter Damage - Gravel Reserve	50,000.00	-	-	50,000.00	-	-	50,000.00
Asset Management	335,865.38	36,000.00	(8,013.60)	363,851.78	36,000	(29,000)	370,851.78
<b>Federal Gas Tax Funds:</b>	-	-	-	-	-	-	-
<b>Fire:</b>	604,732.60	108,707.25	(151,785.00)	561,654.85	142,600	(408,320)	295,934.85
<b>Policing:</b>	17,659.54	13,573.52	-	31,233.06	10,000	(13,578)	27,655.06
<b>Building Department:</b>							
Accumulated Surplus	75,000.00	-	-	75,000.00	-	(45,221)	29,779.00
Vehicle Replacement	20,000.00	10,000.00	-	30,000.00	10,000	-	40,000.00
<b>Drainage Department:</b>	11,000.00	-	(11,000.00)	-	-	-	-
<b>Development:</b>							
Cullen Reserve	20,623.00	-	-	20,623.00	-	-	20,623.00
Development Reserve	50,000.00	-	(19,956.15)	30,043.85	-	(10,000)	20,043.85
Belgrave Development - Loan	843,996.10	-	(64,931.85)	779,064.25	-	(64,931)	714,133.25
Belgrave Dev. - Future Cap Work	150,000.00	-	-	150,000.00	-	(150,000)	-
<b>Education:</b>							
Belgrave, Blyth & Brussels School Fair	10,000.00	-	-	10,000.00	-	-	10,000.00
School Award	11,926.60	-	-	11,926.60	-	-	11,926.60
Ross Nicholson 140th	4,020.00	-	-	4,020.00	-	-	4,020.00
Early Investment in Education	24,750.00	-	(500.00)	24,250.00	-	-	24,250.00
<b>Physician Recruitment:</b>	8,845.00	-	-	8,845.00	-	-	8,845.00
<b>Cemetery:</b>	27,199.54	-	-	27,199.54	-	-	27,199.54
<b>Parks:</b>							
Parks Reserve	2,000.00	2,000.00	-	4,000.00	6,000	-	10,000.00
Belgrave Kinsmen Park	26,336.64	-	-	26,336.64	-	-	26,336.64
Patton Park	5,042.00	-	-	5,042.00	-	-	5,042.00
<b>Belgrave Water System:</b>	165,520.81	86,655.30	(42,873.21)	209,302.90	76,700	(30,000)	256,002.90
BWS - Asset Management	32,714.00	6,135.00	-	38,849.00	6,135	-	44,984.00
<b>Streetlights:</b>	69,093.38	18,950.34	-	88,043.72	15,100	-	103,143.72
<b>Total Reserves</b>	<b>5,330,130.40</b>	<b>1,428,706.64</b>	<b>(898,127.32)</b>	<b>5,860,709.72</b>	<b>1,145,235</b>	<b>(1,072,125)</b>	<b>5,933,819.72</b>

March 27, 2024

Trevor Hallam  
CAO/Clerk  
Municipality of Morris-Turnberry  
41342 Morris Road, P.O. Box 310  
Brussels, ON, NOG 1H0

Dear Trevor,

**Re: Grant Municipal Drain  
Municipality of Morris-Turnberry (Morris Ward)  
Our Reference No. MT-002**

Five (5) sealed tenders for the Grant Municipal Drain were opened on March 27, 2024, at the Municipality of Morris-Turnberry's office.

Following the tender opening, the schedule of tender prices from each bid was reviewed by Headway Engineering to ensure correct unit price extensions and total tender prices. Following are the three (3) low confirmed tender prices submitted (Plus HST):

Bidder	Bid Amount	Completion Date
Robinson Farm Drainage Limited	\$ 225,403.00	December 20, 2024
JC Millwrights Inc.	\$ 230,027.92	December 30, 2024
TAS Excavating & Rentals Limited	\$ 238,110.00	December 30, 2024

The Engineer's estimate for this project was **\$284,550.00** (Plus HST).

The bid from **Robinson Farm Drainage Limited** in the amount of **\$225,403.00** (Plus HST) is the lowest price tendered. The bid meets all the requirements stipulated in the tender documents. Likewise, it is our recommendation to award the contract for construction of the above noted drain to **Robinson Farm Drainage Limited**.

Furthermore, as per Section A.2. Tenders, in Division A – General Conditions, all certified tender deposit checks, except from the bidder to whom the work is awarded, shall be returned within **ten (10) days of the tender closing date**.

We trust this meets your requirements at this time; however, should you have any questions regarding this information, please feel free to contact our office.

Yours truly,



Adam Hall  
Project Coordinator  
**HEADWAY ENGINEERING**

AH/

# Drain Tender Results - Grant Drain - March 27, 2024

3/27/2024

Close Date: March 27, 2024 12:00:00 PM  
 Engineer's Construction Estimate: \$ 284,550.00  
 Engineer's Construction Estimate + 33%: \$ 378,451.50

Performance Bond (100%)  
 or  
 (\$30,000 required)

Name:	Total Construction Cost (excluding HST)	Construction Start Date	Construction Completion Date	Deposit	Notes
1 JC Millwrights Inc 8439 Rd 164 Listowel, ON N4W 3G6	\$230,027.92	April 1/24	Dec 30/24	✓	
2 TAS Excavating Rentals	\$238,110.00	April 15/24	Dec 30/24	✓	
4 Robinson Farm Drainage 34834 Cassidy Rd Ailsa Craig, ON Nom 1A0	\$225,403.00	Aug 30/24	Dec 20/24	✓	
5 A.G. Hayter Contracting Ltd 70098 Grand Bend Line Parkhill, ON Nom 2K0	\$272,350.00	May 1/25	July 31/25	✓	chg returned M. Dierckx
6 Horst Excavating Inc 6607 Road 173 Monkton, ON	\$243,891.00	Sept 9/24	NOV 29/24	✓	
7					

# MUNICIPALITY OF MORRIS-TURNBERRY

## REPORT TO COUNCIL

**TO:** Mayor Heffer and Council

**PREPARED BY:** Kirk Livingston, Chief Building Official, Drainage Superintendent, By-law and Property Standards Enforcement Officer

**DATE:** March 27, 2024

**SUBJECT:** Arbuckle Municipal Drain

---

### **RECOMMENDATION**

THAT the Council of the Municipality of Morris Turnberry hereby receive the Notice of Request for Drain Improvement for the Arbuckle Municipal Drain, as described in the request submitted by Haines Beef Farm Limited ( Hazel M. Haines) under Section 78(1) of the Drainage Act;

AND FURTHER, that Council supports proceeding with the drainage works and instructs the Clerk to send the notice required under Section 78(2) of the Drainage Act to the Maitland Valley Conservation Authority, the Ontario Ministry of Agriculture Food and Rural Affairs, and parties who requested the improvement under Section 78(1).

AND FURTHER that the request submitted for an Improvement to the Arbuckle Municipal Drain for 40221 Jamestown Road, being Concession 2, North Part Lot 2, North Part Lot 3, be accepted under Section 78 of the Drainage Act and that Headway Engineering Limited be appointed to prepare a drainage report.

### **BACKGROUND**

A Notice of Request for Drain Improvement was received on March 22, 2024. The request submitted is for a new and larger farm crossing and potentially altering and improving the existing drainage works on this property and adjacent properties.

The Arbuckle Drain was constructed in 1963 and is an open channel for 5,388 feet, starting west of London Road in North Huron and traveling east to outlet in the Middle Maitland River at Concession 2, North Part Lot 3 Morris Turnberry. The Arbuckle Drain is also an outlet for the Congram Municipal Drain that provides drainage for approximately 60 acres (7 properties including road corridors).

In 2023, maintenance work (cleanout ) was completed on the upstream portion of the Arbuckle Drain only. In walking this drain on the Haines property, it is clear the existing crossing is undersized and at an incorrect elevation to provide proper drainage for the Congram Drain and the Arbuckle drain itself. In my opinion, the new crossing should be deepened and enlarged, also the existing drain should be deepened, starting east of the crossing and traveling west to the intersecting point of the Congram Drain, and possibly north to Jamestown Road crossing. Surveying of this drain will indicate the complete scope of work required.

In accordance with Section 78 of the Drainage Act, Council must render a decision regarding the course of action to take.

### **COMMENTS**

Should Council decide to accept the Notice of Request, notice would be sent as per Section 78(2) of the Drainage Act to the secretary-treasurer of each conservation authority that has jurisdiction over any of the lands that would be affected, as well as the Ontario Ministry of Agriculture, Food and Rural Affairs (OMAFRA), any parties who requested the improvement, and the Clerk of any other municipality that may be affected, if any.

Should Council decide not to accept the Notice of Request, notice of the decision would be sent to the parties who requested the improvement

#### **Section 78 of the Drainage Act reads:**

Improving, upon examination and report of engineer

78(1) If a drainage works has been constructed under a by-law passed under this Act or any predecessor of this Act, and the council of the municipality that is responsible for maintaining and repairing the drainage works considers it appropriate to undertake one or more of the projects listed in subsection (1.1) for the better use, maintenance or repair of the drainage works or of lands or roads, the municipality may undertake and complete the project in accordance with the report of an engineer appointed by it and without the petition required by section 4.

#### **Projects**

78(1.1) The projects referred to in subsection (1) are:



1. Changing the course of the drainage works.
2. Making a new outlet for the whole or any part of the drainage works.
3. Constructing a tile drain under the bed of the whole or any part of the drainage works.
4. Constructing, reconstructing or extending embankments, walls, dykes, dams, reservoirs, bridges, pumping stations or other protective works in connection with the drainage works.
5. **Otherwise improving, extending to an outlet or altering the drainage works.**
6. **Covering all or part of the drainage works.**
7. Consolidating two or more drainage works.

After consulting with John and Hazel Haines it has been determined that the Notice of Request for Drain Improvement received would qualify as a listed project under subsection 78(1.1) of the Drainage Act.

In accordance with the Drainage Act, 1/3 grant from OMAFRA is eligible to lands assessed as farm tax class.

Costs associated with this drainage works are billed according to the Engineer's assessment schedule.

**ATTACHMENTS**

Huron County GIS map  
Arbuckle Municipal Drain plan  
Section 78 Notice of Request for Drain Improvement

**OTHERS CONSULTED**

Trevor Hallam, Chief Administrative Officer  
Mike Alcock, Public Works Director

Respectfully submitted,



Kirk Livingston  
CBO, Drainage Superintendent, By-law and Property Standards Enforcement Officer







Congram Drain

Arbuckle Drain

Haines Beef Farms Ltd.

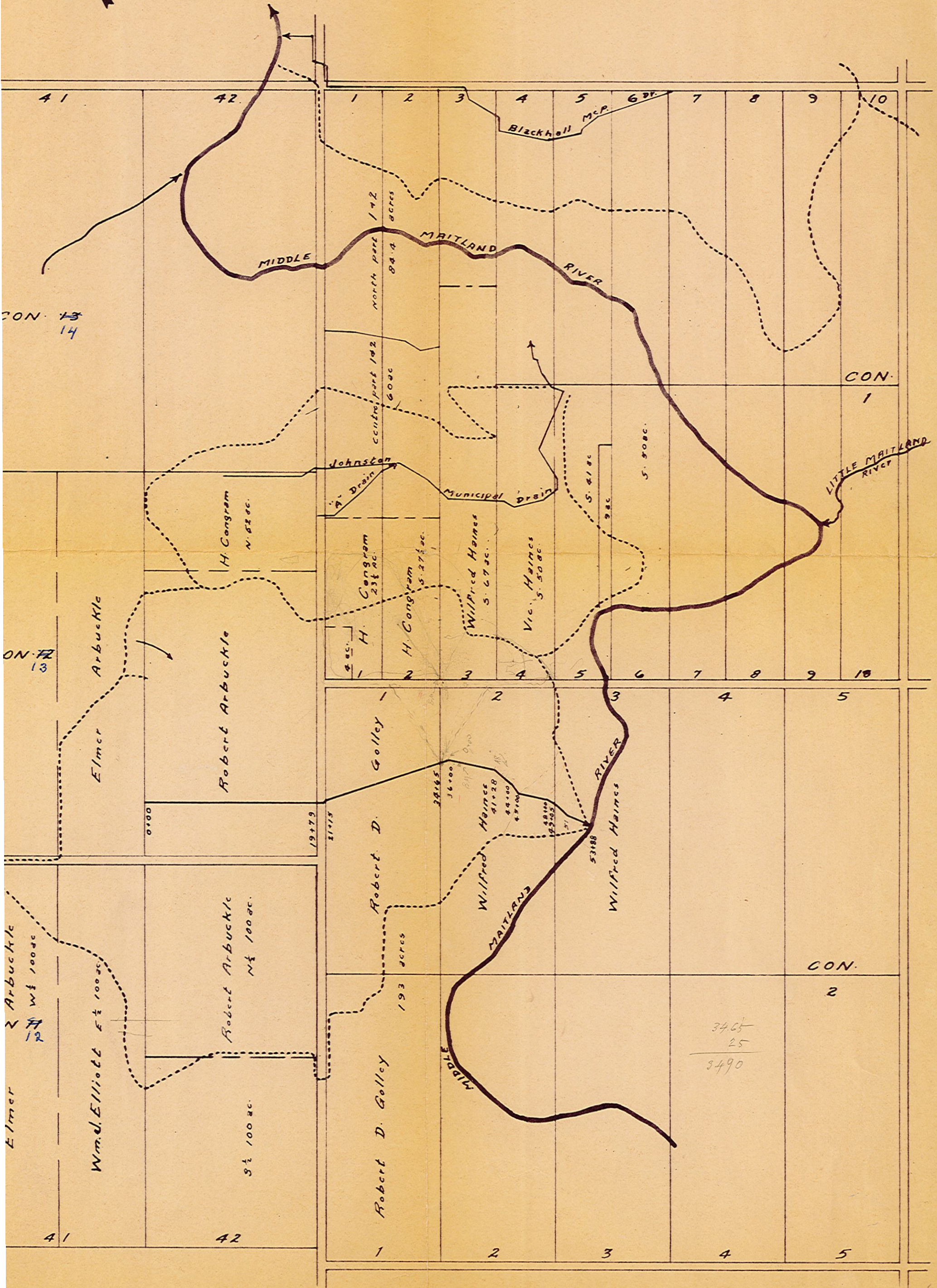
New farm crossing location

-  2023 Arbuckle drain maintenance and clean out performed
-  Congram Drain
-  Arbuckle Drain
-  Proposed area of work including farm crossing

IN THE TOWNSHIPS OF  
EAST WAWANOSH AND MORRIS

SCALE: 1 inch = 1000 Feet

Listowel, Ontario 11 Jan. 1963 James A. Howea  
M.D. - 515 Ontario Land Surveyor



3465  
+ 25  
-----  
3490



**Notice of Request for Drain  
Major Improvement  
Drainage Act, R.S.O.  
1990, c. D.17, subs. 78 (1.1)**

To: The Council of the Corporation of the Municipality of Morris Turnberry

Re: Arbuckle Drain

(Name of Drain)

In accordance with section 78 (1.1) of the *Drainage Act*, take notice that I, as owner of land affected, request that the above mentioned drain be improved.

The Major Improvement Project work being requested is (check all appropriate boxes):

- Changing the course of the drainage works;
- Making a new outlet for the whole or any part of the drainage works;
- Constructing a tile drain under the bed of the whole or any part of the drainage works;
- Constructing, reconstructing or extending bridges or culverts;
- Extending the drainage works to an outlet;
- Improving or altering the drainage works if the drainage works is located on more than one property;
- Covering all or part of the drainage works;
- Consolidating two or more drainage works; and/or
- Any other activity to improve the drainage works, other than an activity prescribed by the Minister as a minor improvement.

Provide a more specific description of the proposed drain major improvement you are requesting:

**Installation of a new wider and longer culvert and at the same time, deepening the existing drain to provide better outlet of tiled fields and get water moving away quicker from upstream lands.**

**Property Owners**

- Your municipal property tax bill will provide the property description and parcel roll number.
- In rural areas, the property description should be in the form of (part) lot and concession and civic address.
- In urban areas, the property description should be in the form of street address and lot and plan number, if available.

Property Description

**40221 Jamestown Road, Con 2, North Part Lot 2, North Part Lot 3**

Ward or Geographic Township

**Morris Ward of Morris Turnberry**

Parcel Roll Number

**40-60-540-002-00200-0000**

If property is owned in partnership, all partners must be listed. If property is owned by a corporation, list the corporation's name and the name and corporate position of the authorized officer. Only the owner of the property may request a drain improvement.

**Ownership**

**Sole Ownership**

If you need to provide additional information, please attach along with this form.

**Sole Ownership**

Owner Name (Last, First Name) (Type/Print)	Signature	Date (yyyy/mm/dd)
Haines, Hazel Marie HAINES BEEF FARMS LTD	<i>Hazel M. Haines</i>	March 20/2024

Enter the mailing address and primary contact information of property owner below:

Last Name Haines	First Name Hazel	Middle Initial M
---------------------	---------------------	---------------------

**Mailing Address**

Unit Number	Street/Road Number 40221	Street/Road Name Jamestown Road	PO Box
-------------	-----------------------------	------------------------------------	--------

City/Town RR #4 Wingham	Province Ontario	Postal Code N0G 2H0
----------------------------	---------------------	------------------------

Telephone Number [REDACTED]	Cell Phone Number (Optional) [REDACTED]	Email Address (Optional) [REDACTED]
--------------------------------	--	--

To be completed by recipient municipality:

Notice filed this 22 day of March 2024

Name of Clerk (Last, First Name)

Signature of Clerk

*Hallam, Trevor*

*[Signature]*

# MUNICIPALITY OF MORRIS-TURNBERRY

## REPORT TO COUNCIL

**TO:** Mayor and Council

**PREPARED BY:** Trevor Hallam, CAO/Clerk

**DATE:** April 2<sup>nd</sup>, 2024

**SUBJECT:** Continued Participation in the NWMO Early Investment in Education and Skills Program

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### **RECOMMENDATION**

That Council consider by-law 20-2024 to authorize the execution of the funding agreement between the Municipality of Morris-Turnberry and the Nuclear Waste Management Organization.

### **BACKGROUND**

In May of 2022, Council entered into an agreement with the Nuclear Waste Management Organization (NWMO) to participate in the Early Investment in Education and Skills program for residents and business owners for a range of educational activities. On initiation of the program, \$25,000 was made available to the Municipality to offer financial support within prescribed parameters to residents to help them gain transferable skills and education. The NWMO's intention in providing the funding is claimed to be making investments in early capacity-building activities to increase the likelihood that the skills needed for the DGR project can be found locally if the South Bruce site is selected. The criteria for eligibility that were established in 2022 is attached for reference.

### **COMMENTS**

The program received one application in 2022, and a total of \$250.00 was awarded. Three applications were received in 2023, two were successful, and a total of \$500.00 was awarded. The required report was filed with the NWMO for 2023.

An agreement to continue the funding program with the remaining \$24,250.00 from the original \$25,000.00 provided in 2022 is included with this report, as is by-law 20-2024 authorizing its execution.

Applications to the program have been limited, despite increased advertising and awareness efforts made in 2023. For 2024, staff will be focusing on direct contact with local business who may be eligible under the program to increase application volume.

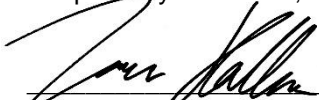
### **ATTACHMENTS**

1. Final Report – EIES 2023
2. Early Investments in Education and Skills Program Parameters
3. By-Law 20-2024 – Early Investments in Education and Skills Funding Agreement

### **OTHERS CONSULTED**

Michael Pahor - Site Director, South Bruce Regional Office, NWMO

Respectfully submitted,



Trevor Hallam,  
CAO/Clerk

## Municipality of Morris-Turnberry 2023 Year End Report - Early Investment in Education and Skills Program

NWMO Youth Engagement Tracking Table - Early Investment in Education and Skills												
	Funding recipient name	Key beneficiary group	Type of activity	Program name, purpose and key activities	Dolar value of initiative	Number of children/youth reached	Age range /grade range	Application date	Award date	Activity implementation start date	Activity implementation end date	Comments
1	██████████	Community Members	General skills development	Fanshawe College: -Compensation and Benefits Administration	\$ 250.00	0	N/A	07-Apr-23	02-May-23	02-Jan-23	N/A	None.
2	██████████	Community Members	General skills development	Fanshawe College: -Project Management	\$ 250.00	0	N/A	22-Aug-23	26-Sep-23	05-Sep-23	N/A	None.

## Focus on Youth

- Support for Summer Science/Math/Environmental Camps
- Youth up to the age of 29 are eligible to apply
- Must be a resident of Municipality Morris-Turnberry, however, the camp does not have to be in Morris-Turnberry.
- Youth are eligible to receive 50% off the camp registration fee up to a maximum of \$200 per person, per calendar year.
- Pre-approval of your application is required.
- Proof of registration is required.
- Limited funds are available.
- Applications are dependent on funding received for the program.

## Support for Continuing Skills Development

- Support for general skills development and continuing education.
- Applicants must be a resident of the Municipality Morris-Turnberry.
- 50% of the registration fee to be refunded up to a maximum of \$250 and may include required course materials. For example, text books, tools, etc. Applicants can apply more than once, for more than one course, not to exceed the \$250 maximum funding.
- Course options may include as example: Project Management, computer literacy and skills, customer service, bookkeeping.
- Pre-approval of your application is required.
- Proof that you have successfully completed the program will be required to receive the funding.
- Limited funds are available.
- Applications are based on the calendar year and dependent on funding received for the program.

## Support for Workplace Training

- Support for workplace training courses.
- Applicants must be a business in the Municipality of Morris-Turnberry.
- Participants are eligible for 50% of the registration fee up to a maximum of \$500 per employee, and \$2000 per business per year.
- Training courses must be relevant to the applicant's workplace and may include health and safety, working at heights, first aid, computer courses, heavy equipment training etc.
- Pre-approval of your application is required.
- Proof that the employee has successfully completed the program will be required.
- Limited funds are available.
- Applications are dependent on funding received for the program.



### **Support for Environmental Projects through Youth Funding**

- Funding a salary up to a maximum of \$5,000 to hire a youth summer student or summer intern with an interest in the environment and environmental initiatives, including those related to food, water or ecosystem sustainability. The funding is based on the calendar year.
- Applications are dependent on funding received for the program.

**All applications are subject to available funding**



**CORPORATION OF THE MUNICIPALITY OF MORRIS-TURNBERRY**

**BY-LAW NO. 20-2024**

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Being a by-law to authorize the Mayor and Clerk to execute and affix the Corporate Seal to an agreement between the Municipality of Morris-Turnberry and the Nuclear Waste Management Organization for Early Investments in Education and Skills Program Funding.

---

**WHEREAS** Section 9 of the *Municipal Act* 2001, S.O. 2001, c. 25 provides that a municipality has the capacity, rights, powers and privileges of a natural person for the purpose of exercising its authority under that or any other Act;

**AND WHEREAS** the Council of the Corporation of the Municipality of Morris-Turnberry deems it necessary and desirable to enter into and execute an agreement between the Municipality of Morris-Turnberry and the Nuclear Waste Management Organization with regard to the transfer of certain funds for disbursement under the Early Investment in Education and Skills Program;

**NOW THEREFORE**, the Council of the Corporation of the Municipality enacts as follows:

1. That the Mayor and Clerk of the Municipality are hereby authorized to execute and affix the Corporate Seal to enter into the Agreement between the Corporation of the Municipality of Morris-Turnberry and the Nuclear Waste Management Organization, attached hereto Schedule 'A', and forming part of this by-law; and
2. That this by-law shall come into effect on the day it is passed.

**Read a FIRST and SECOND time this 2<sup>nd</sup> day of April 202**

**Read a THIRD time and FINALLY PASSED this 2<sup>nd</sup> day of April 202**

---

Mayor, Jamie Heffer

---

Clerk, Trevor Hallam

March 1, 2024

Attn: Trevor Hallam, CAO/Clerk  
Municipality of Morris-Turnberry  
41342 Morris Road  
P.O. Box 310  
Brussels, ON  
NOG 1H0

Dear Mr. Hallam:

**Re: Funding Agreement between Nuclear Waste Management Organization (“NWMO”) and the Municipality of Morris-Turnberry (the “Municipality”) for Early Investments in Education and Skills (the “EIES Program” or the “Program”)**

Thank you for your interest in the EIES Program.

Under this Program, NWMO works with communities to build capacity to participate in the Adaptive Phase Management (“APM”) Project, and support community members, including youth, in developing skills, attending training programs and obtaining educational assistance. We thank you for your work to date under this Program.

In an effort to further assist decision-making and distribution of community investments, NWMO is pleased to offer funding to the Municipality in the amount of \$25,000.00 (the “**Funding Amount**”) on the terms and conditions set out in this letter agreement for the period starting January 1, 2024 and ending December 31, 2024 (the “**Funding Agreement**”).

### **Funding Amount**

NWMO will provide the Funding Amount to the Municipality to be disbursed to eligible applicants under the NWMO EIES Program in accordance with the program requirements set out at Schedule “A”, by cheque made payable to the “Township of Morris-Turnberry” or by bank transfer to an account held in the name of the Municipality at a reputable financial institution in Canada. The Funding Amount will be provided to the Municipality upon receipt of a signed version of this Funding Agreement.

The Municipality agrees that it will use the Funding Amount exclusively for disbursing funds under the Program as set out in this Funding Agreement. The Municipality agrees that any amounts paid to the Municipality under this Funding Agreement will be disbursed in accordance with all laws, and only for the purposes set forth in this Funding Agreement. The Municipality agrees that it will return excess or improperly used funds at the end of the initial term and any renewal term of this Funding Agreement, if any, to NWMO upon request.

The NWMO reserves the ability to request a financial and/or compliance audit on this Funding Agreement.

### **Disbursement of Funding under the EIES Program**

The Municipality agrees to disburse the Funding Amount to applicants under the EIES Program for investments in education and skills in accordance with the program requirements set out at Schedule "A" or that the Municipality determines meets the spirit and intent of the Program.

The Municipality will be responsible for recommending the approval of any funding under the EIES Program. The Municipality may, at its discretion, receive recommendations to approve funding under the EIES Program from the Nuclear Waste Community Advisory Committee and may seek clarification of the EIES Program requirements directly from NWMO at any time.

The Municipality acknowledges and agrees that it is not acting as an agent for the NWMO.

### **Progress Report, Financial Report and Year-End Report**

As part of its year-end report, the Municipality will provide a financial report to NWMO.

In this financial report, a statement of expenditures should be provided identifying the use of NWMO-provided funds by type of cost accompanied by an extract of the General Ledger or a list of expenditures printed from the accounting system, which shows the use of NWMO funding. The General Ledger should only reference expenditures related to this Funding Agreement.

The General Ledger should show the total amount spent in each category, which cannot exceed the approved amount for that budget category.

NWMO may request further explanation or supporting receipts if needed.

If you have any questions or concerns about this Financial Reporting, please contact the NWMO representative named at the end of this letter. We would be pleased to assist you to ensure you are able to meet the terms of these requirements.

Unless otherwise agreed to by the NWMO, the Municipality will provide a semi-annual report to NWMO on August 31, 2024 and a Final Report on or before January 31, 2025.

This Progress Report and Final Report will be signed by an authorized representative with authority to make the commitments on behalf of the Municipality and who will provide assurance of accuracy and completeness. The Progress Report and Final Report will include:

- a) A copy of the written requests for funding under the EIES Program;
- b) A copy of the written approval by the Municipality, or its delegate, for funding under the EIES Program;
- c) An itemized list of the initiatives and funding amounts approved under the EIES Program which includes information similar to the list attached hereto at Schedule "B"; and
- d) Invoices or other supporting documentation for each initiative that received funding.

### **Confidentiality**

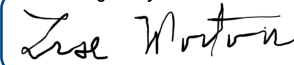
NWMO and the Municipality agree that this Funding Agreement is a confidential commercially sensitive agreement and will not be disclosed to any third party without both NWMO and the Municipality consent to such disclosure.

**General**

Please acknowledge your understanding and agreement to the terms of this Funding Agreement by signing both original versions of this Funding Agreement and sending one scanned version by email to [mpahor@nwmo.ca](mailto:mpahor@nwmo.ca). Please also return one original of this Funding Agreement to NWMO using the enclosed pre-paid envelope.

Please do not hesitate to contact Michael Pahor at 416-402-2593 or email [mpahor@nwmo.ca](mailto:mpahor@nwmo.ca) if you have any questions.

Sincerely,

DocuSigned by:  
  
AB20A84ACDE7401...  
Lise Morton  
Vice President, Site Selection

I acknowledge and agree to the terms of this Funding Agreement and request the Funding Amount.

**TOWNSHIP OF MORRIS-TURNBERRY**

\_\_\_\_\_

By:  
Title:

Date: \_\_\_\_\_

*I have authority to bind the corporation*

## Schedule "A"

### NWMO EARLY INVESTMENT PROGRAM REQUIREMENTS

#### A. Program Requirements:

Communities have identified a range of possible investments in education and skills for this early phase of work such as:

##### Focus on Youth

- Support for before/after school/intermural or summer programs which may contribute to youth future success such as sports activities, sports clubs, and snack programs, or science / math / computer enrichment programs;
- Support for trips for youth enrichment: For instance, Grade 7/8 trip which includes a science, math or environment component;
- Academic awards: small grants or honoraria for graduating students going to university, college or direct to work (for work boots, hard hat, other);
- Youth programs sponsorships for individual community members to attend a science / math / environment camp or workshop of their choice;
- Student internships at the NWMO or in the Municipality;
- Support for Traditional Knowledge related education;
- Support for environmental projects through funding for youth workings to gain work experience in a community-minded endeavor;
- Support for youth training for province-wide nuclear sector jobs through small grants to offset registration costs in programs; and
- Support for local / regional job fairs (not focused on NWMO) to support students in understanding opportunities for post-secondary / trades.

##### Community Members

- Support for workshops for general skills development on topics such as:
  - Computer literacy and skills: Microsoft Office, AutoCAD
  - Business planning: Developing a business plan for entrepreneurs
  - Writing a proposal in response to a Request for Proposal, grant and/or funding proposal
  - Basic bookkeeping
  - First aid training
  - Project planning / management
  - Facilitation and/ or conflict resolution skills (e.g., for processes / meetings)
  - Planning and implementing effective meetings
  - Communication training
- Funding for skills training programs: a grant of up to \$250.00 towards participation in selected skills development programs; and
- Funding to support training for tradespeople in community service areas such as plumbing, electrician and personal support workers needed by the community.

**Schedule "B"**

*Please see attached.*

# Planning for APM Project:

## Early Investment in Education and Skills

FOR DISCUSSION WITH COMMUNITIES

OCTOBER 2016

### I. About This Program

The Nuclear Waste Management Organization (NWMO) has begun discussions with communities about building capacity to participate in the Adaptive Phased Management (APM) Project were it to come to the community. This includes investments in training and education to equip community members, including youth, to work at the Centre of Expertise, and in subsequent site preparation, construction and operation activities. These investments are intended to include transferable skills that could be applied to other projects or workplaces as well.

Understanding that decisions about the project and where it will be located are some years away, the NWMO has heard from communities that early capacity-building activities should have a broad focus.

### II. Potential Activities

Communities have identified a range of possible investments in education and skills for this early phase of work. They form the starting point for the development of individualized community plans.

**Focus on Youth**  
programs

- Support for before/after school/intermural or summer



which may contribute to youth future success such as sports activities, sports clubs, and snack programs, or science/math/computer enrichment programs

- Support for trips for youth enrichment: For instance, Grade 7/8 trip which includes a science, math or environment component
- Academic awards: Small grants or honoraria for graduating students going to university, college or direct to work (for work boots, hard hat, other)
- Youth program sponsorships for individual community members to attend a science/math/environment camp or workshop of their choice
- Student internships at the NWMO or in a municipality funded by the NWMO
- Support for Traditional Knowledge related education
- Support for environmental projects through funding for youth workers to gain work experience in a community-minded endeavor
- Support for youth training for provincewide nuclear sector jobs through small grants to offset registration costs in programs
- Support for local/regional job fairs (not focused on the NWMO) to support students in understanding opportunities for

post-secondary/trades

#### **Community Members**

- Support for workshops for general skills development on topics such as:
  - o Computer literacy and skills: Microsoft Office, AutoCAD
  - o Business planning: Developing a business plan for entrepreneurs
  - o Writing a proposal in response to a Request for Proposal, grant and/or funding proposal
    - o Basic bookkeeping
    - o First aid training
  - o Project planning/management
  - o Facilitation and/or conflict resolution skills (e.g., for processes/meetings)
  - o Planning and implementing effective meetings
    - o Communication training
- Funding for skills training programs: a grant of up to \$250 towards participation in selected skills development programs
- Funding to support training for tradespeople in community service areas such as plumbing, electrician and personal support workers needed by the community

### **III. Working Collaboratively With Communities**

The NWMO continues to work with communities to understand how to support capacity building, education and skills development in a manner that best suits the needs of individual communities. It also understands that these needs may evolve over time and as the siting process advances in an area.

Initially, the NWMO will work with community liaison committees/working groups in interested communities and First Nation and Métis potential partner communities in the immediate area to develop and then implement an initial set of activities. The initial program is expected to be modest as the NWMO and communities learn together how best to build capacity over time in a particular area.

As the siting process advances, this program may extend to other communities in the immediate area through discussion at area workshops designed to bring communities in an area together to learn about the project and plan for its implementation.

For more information, please contact:

Nuclear Waste  
Management  
Organization 22 St.  
Clair Avenue East,  
6<sup>th</sup> Floor Toronto,  
ON M4T 2S3  
Canada

Fax: 647.259.3692

Email: [learnmore@nwmo.ca](mailto:learnmore@nwmo.ca)

Attention: Jo-Ann Facella  
Director, Social  
Research and  
Dialogue Or  
Joe Gaboury  
Director, Aboriginal Affairs



**United Way**  
Perth-Huron

## ***For Immediate Release***

From: United Way Perth-Huron  
32 Erie Street, Stratford ON N5A 2M4  
1-877-818-8867 (toll-free) 519-271-7730 (T)

Date: March 22, 2024

### **United Way celebrates spirit of community, sets new fundraising record**

Stratford, ON – United Way Perth-Huron gathered at the Best Western Plus, Arden Park Hotel to celebrate the spirit of the Perth-Huron community. After a record-setting campaign that raised \$2,345,792, it was time to recognize the donors, volunteers and organizations who enable the organization's work across the region.

"We are incredibly grateful for the support of our community throughout the campaign," said United Way Perth-Huron Executive Director, Ryan Erb. "This has been a challenging year for everyone, locally and beyond, with costs for individuals, families and organizations continuing to rise, but donors from across Perth-Huron really stepped up to help support our work. We appreciate the generosity and caring of the place we call home.

"I would also like to thank our outgoing Campaign Co-chairs, Rob and Leslie Edney. They held these roles during the COVID-19 pandemic, and we appreciate the energy and enthusiasm they invested in United Way and building our Perth-Huron communities through a very challenging time."

"It has been a pleasure and an honor to be able to work with, and cheerlead for, the communities within Perth-Huron," said Campaign Co-Chair, Rob Edney. "We have met incredible individuals looking to support and advocate for the vulnerable within their communities, as well as championing policies and projects to remove impediments to housing, dispelling stigmas around homelessness and creating a more equitable community in which all citizens have the opportunity to thrive."

United Way also announced the new campaign co-chairs for the next two years, John Wolfe and Kristin Sainsbury.

Guests at the sold-out event enjoyed dinner generously provided by the Hayter family and heard about the positive impact their support has on local lives from speakers including Vicky Parent from Huron Safe Homes for Youth, Meagan Partridge from United Way, Kyle Betts from CMHA Huron Perth and Kathy Vassilakos from United Housing. Executive Director Ryan Erb spoke about building a better community, and performer Kelly Walker also sang.

United Way presented Volunteer Spirit awards to Lee Anne Andriessen, Andrea Bernard, Don Dingwall, Tabitha Fisher, Wendy Haggitt, Susan Moffat and Patricia Smith. Penny's of Blyth, Festival Hydro and the Huron Perth Catholic District School Board received Community Spirit awards. FIO Automotive Canada topped the list of workplace fundraising campaigns by raising almost \$96,000. FIO also provided a dollar-for-dollar corporate match.

United Way would like to thank our event sponsors; Gold: Best Western Plus, The Arden Park Hotel (the Hayter Family), Silver: Chartwell Anne Hathaway Retirement Residence, Famme & Co., Horizon Solutions, KDB Law, RE/MAX a-b Realty, Bronze: IATSE Local 357, investStratford, Samsonite, SBS Metals and the Stratford Festival.

### **About United Way Perth-Huron**

United Way helps here in the community you care about, tackling #UNIGNORABLE issues including homelessness, mental health and access to services. Thanks to United Way, its partners, and donors, vulnerable people across Perth-Huron have the chance for a brighter future. To show your #LocalLove by donating or volunteering, call 519-271-7730 or 1-877-818-8867, mail to 32 Erie Street, Stratford, ON N5A 2M4 or visit [perthhuron.unitedway.ca](http://perthhuron.unitedway.ca).

# #LOCALLOVE

For more information, or to set up an interview with UWPB Executive Director Ryan Erb, call 519-271-7730 or email [info@perthuron.unitedway.ca](mailto:info@perthuron.unitedway.ca).



374028 6TH LINE • AMARANTH ON • L9W 0M6

March 12, 2024

Hon. Paul Calandra  
Minister of Municipal Affairs and Housing

Sent by email to: [Paul.Calandra@pc.ola.org](mailto:Paul.Calandra@pc.ola.org)

**Re: Operational Budget Funding**

At its regular meeting of Council held on March 6, 2024, the Township of Amaranth Council passed the following resolution.

**Resolution #: 4**

**Moved by:** G Little

**Seconded by:** A. Stirk

Whereas all Ontario municipalities are prohibited from running budget deficits for operating purposes, and;

Whereas all Ontario municipalities have similar pressures with respect to aging infrastructure and operating costs for policing, and;

Whereas the City of Toronto has recently received Provincial funding to cover a \$1.2 billion dollar operating shortfall and approximately \$12 million in Federal and Provincial funding for their Police operating budget, and;

Whereas the City of Toronto has the lowest tax rates in the Province, approximately 40% less than the average Dufferin rural municipal tax rate.

**Be it Resolved That** the Township of Amaranth call on the Province of Ontario to treat all municipalities fairly and provide equivalent representative operational budget funding amounts to all Ontario municipalities.

**CARRIED**

Please do not hesitate to contact the office if you require any further information on this matter.

Yours truly,

Nicole Martin, Dipl. M.A.

CAO/Clerk

C: Premier of Ontario; AMO; Ontario Municipalities



March 22<sup>nd</sup>, 2024

The Honourable Lisa Thompson  
Ministry of Agriculture, Food and Rural Affairs  
11th Floor  
77 Grenville St.  
Toronto, ON M5S 1B3

**RE: Township of Adelaide Metcalfe – Request to Increase Tile Drain Loan Limit**

Dear Minister Thompson,

On March 18, 2024, the Township of Adelaide Metcalfe Council approved the following resolution:

*WHEREAS farm drainage is of paramount importance in Ontario due to its significant impact on agricultural productivity and sustainability. Effective drainage systems help mitigate waterlogging, control soil moisture levels, and enhance soil structure, thereby optimizing growing conditions for crops;*

*WHEREAS improved drainage also facilitates timely field operations, reduces erosion, and minimizes nutrient runoff, contributing to environmental conservation efforts;*

*WHEREAS Ontario's diverse agricultural landscape, where weather variability is common, well-maintained drainage systems play a crucial role in ensuring stable yields, economic viability, and long-term resilience for farmers across the Province;*

*WHEREAS the Tile Loan Drainage Act, R.S.O 1990, c. T.8 allows for the borrowing of money for the purpose of constructing drainage works;*

*WHEREAS the maximum annual limit for these loans, unchanged since 2004, is currently set at \$50,000.*

*WHEREAS costs for Tile Drainage has increased markedly since 2004;*

*NOW THEREFORE the Council of the Township of Adelaide Metcalfe requests that the Province through the Ministry of Agriculture, Food and Rural Affairs (OMAFRA) consider increasing the maximum annual Tile Loan limit to a minimum of \$100,000.*

*AND THAT this resolution be circulated the Honourable Lisa Thompson – Ministry of Agriculture, Food and Rural Affairs (OMAFRA), the Association of Municipalities of Ontario (AMO), the Rural Ontario Municipal Association (ROMA), and all Ontario municipalities.*

Your consideration of Council's request is appreciated.

Kind regards,

A handwritten signature in black ink, appearing to be 'MB', with a long horizontal line extending to the right.

Michael Barnier  
Clerk & Manager of Legislative Services  
Township of Adelaide Metcalfe  
[mbarnier@adelaidemetcalfe.on.ca](mailto:mbarnier@adelaidemetcalfe.on.ca)

Cc: Association of Municipalities of Ontario (AMO)  
Rural Ontario Municipal Association (ROMA)  
All Ontario Municipalities



# Comprehensive Review of the Zoning By-law

## Notice of Public Meeting

A **Public Meeting** will be held in person and online on **April 9, 2024 at 6-7pm** to present the final draft of the updated Zoning By-law for Council review and adoption.



**Tuesday, April 9, 2024**  
**6-7pm**  
**Council Chambers**  
21 Gordon Street East, Teeswater

### Can't Attend in Person?

See the virtual meeting link on the next page or email [cbo@southbruce.ca](mailto:cbo@southbruce.ca) or call 519-392-6623 x 228 with questions and comments.

**Take Notice** that Council for the Municipality of South Bruce will be holding a Public Meeting to repeal and replace the Zoning By-law in accordance with Section 34 of the *Planning Act*, R.S.O. 1990, as amended. The purpose of the public meeting is to provide the public with an opportunity to understand and comment on the proposed Zoning By-law which will be applicable to all lands within the Municipality.

### Purpose & Effect of the New Comprehensive Zoning By-law

A Zoning By-law is prepared under the requirements of Section 34 of the *Planning Act* and regulates the types of land uses and the character, height, location, size and massing of buildings for all lands within the Municipality. A Zoning By-law is the Municipality's primary tool to regulate the use of all land in the Municipality. The effect of the proposed Comprehensive Zoning By-law is to replace the in-effect Municipality of South Bruce Zoning By-law No. 2011-63. The proposed Comprehensive Zoning By-law contains updated zoning and development standards and would implement the policies of the Municipality and County's Official Plans and reflect policy and regulatory initiatives at the provincial level.

### Written Submissions

Input on the proposed Zoning By-law is welcome and encouraged. Unless indicated otherwise, personal information and all comments will become part of the public record and may be publicly released. To provide input in writing, or to request personal notice if the proposed Zoning By-law is approved, please send all correspondence by **12:00 PM on April 1, 2024** for inclusion in the public meeting agenda package c/o Clerk, Vivian Kennedy, PO Box 540, 21 Gordon St. E Teeswater ON, N0G 2S0, or by email at [vkennedy@southbruce.ca](mailto:vkennedy@southbruce.ca).

Comments and requests received after this date will still be received by Council, however they may not be published as part of the public meeting agenda.

Visit our website for more information – <https://www.southbruce.ca/en/build-and-invest/zoning.aspx>





## How to Participate

You may attend the meeting in person as directed above or virtually using this meeting link:

<https://us06web.zoom.us/j/96893199106?pwd=SHdrbkNtdVM1aENCNm90RGJKQTdnZz09>

Passcode: 474963

One Tap mobile and telephone connection to the virtual meeting are also available. Please contact the Municipality at [vkennedy@southbruce.ca](mailto:vkennedy@southbruce.ca) or 519-392-6623 ext. 229 if you have any questions regarding how to participate in the meeting.



## How to Submit Comments

Public input on applications is invited. During this time, written comments are encouraged as the preferred method of receiving public input. Written comments may be sent by mail or e-mail to the attention of the Clerk. You may also drop written comments off at the Municipal Office or Mac's in Mildmay. You may also provide oral input by joining the electronic meeting.



## Know Your Rights

If a person or public body would otherwise have an ability to appeal the decision of the Council of the Municipality of South Bruce to the Ontario Land Tribunal but the person or public body does not make oral submissions at a public meeting or make written submissions to Municipality of South Bruce before the by-law is passed, the person or public body is not entitled to appeal the decision.

If a person or public body does not make written submissions to the Municipality of South Bruce or make oral submissions at a public meeting before the by-law is passed, the person or public body may not be added as a party to the hearing of an appeal before the Ontario Land Tribunal unless, in the opinion of the Tribunal, there are reasonable grounds to do so.

For more information please visit the Ontario Land Tribunal website at <https://olt.gov.on.ca/appeals-process/>

## More Information & Contact

We encourage you to provide comments or questions. For more information about this matter, including information about appeal rights, please contact us by email at [cbo@southbruce.ca](mailto:cbo@southbruce.ca)

Alternatively, you can send a letter to:

Phil VanHardeveld

Chief Building Official

Tel: 519-392-6623 ext. 228

PO Box 540, 21 Gordon St. E

Teeswater ON, N0G 2S0

<https://www.southbruce.ca/en/build-and-invest/zoning.aspx>

*Municipality of*  
**South Bruce**

**From:** [Lisa Harper](#)  
**To:** [Trevor Hallam](#)  
**Subject:** United Way Perth Huron - Northern Huron Community Committee  
**Date:** March 20, 2024 12:21:28 PM  
**Attachments:** [image001.png](#)  
[NHCC - Terms of Reference.pdf](#)

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Hi Trevor:

Hope you are having a great week. Just a note to check in and share some information with you on the Northern Huron Community Committee – we are looking for community minded folks to join the committee and would appreciate you sharing this email, and attached file, with your council. We have attached the Terms of Reference for their information – this document lays out the mission and innerworkings of the committee.

The committee meets once a month (usually on the third Wednesday of the month, at 1 pm) either virtually or in-person for approximately an hour – we usually zoom from November to March, and meet in-person April to October. Beyond committee meetings, the members are encouraged to attend fundraising events/workshops, when they are able to, and to be an advocate to the United Way Perth Huron.

We'd love to have some folks from the Morris-Turnberry area join the committee. If you have any questions, please don't hesitate to reach out.

Appreciate your time, take care!

Lisa

**Lisa Harper**

Community Development Manager / 211 Community Information Associate  
Pronouns: she/her



**United Way Perth-Huron**  
Cell 519 357 6795  
519-271-7730 | 877-818-8867  
32 Erie Street, Stratford, ON N5A 2M4

Show your local love. [Donate today](#)  
[perthhuron.unitedway.ca](#) | [Instagram](#) | [Facebook](#)  
Need help? Dial 2-1-1 or visit [infoperthhuron.ca](#)

-  
**United Way expresses gratitude and respect to those Indigenous people who have stewarded the land where we are currently standing. We are committed to the path of ongoing reconciliation, recognition of rights, respect, cooperation, collaboration, and partnership.**

-  
This message and any attachments contain information, which may be confidential or privileged. If you are not the intended recipient, please refrain from disclosure, copying, distribution or use of this information. Please be aware that such actions are prohibited. If you have received this transmission in error, please notify us immediately. We appreciate your cooperation.



Northern Huron Community Committee (NHCC) Terms of Reference			
Document Type	Role description	Last Reviewed	May 20, 2021
Date Adopted	January 9, 2020	Approved	May 20, 2021

**Liaises With:** Community Impact & Allocations Committee (CIAC) and Campaign Cabinet

**1. Purpose**

The primary objective of the Northern Huron Community Committee (NHCC) is to understand social needs and mobilize the community to address them by:

- Engaging with community members and local organizations to understand local social issues.
- Providing focus and awareness concerning prioritized social issues.
- Raising funds to support actions related to prioritized issues and the overall needs of the region as assessed by the Community Impact and Allocations Committee.
- With the guidance of UWPH staff, create an annual work plan for use as a goal and guide for the NHCC.
- Assisting with the implementation of United Way Perth-Huron events (e.g. Kick-Off).
- Assisting with awareness on United Way initiatives (e.g. 211).

**2. Governance**

The NHCC will work with the Community Impact and Allocations Committee regarding social issues and investments and the Campaign Cabinet regarding fundraising activities. Policies created or revised by the NHCC will be referred to staff for review and approval (when required, staff will collaborate with the Board or its committees).

**3. Membership**

The NHCC will consist of a minimum of nine (9) and maximum of twelve (12) members. All municipalities in the Northern Huron Area (North Huron, Morris-Turnberry and Howick) will be invited to send representation to each NHCC meeting.

Committee composition will include the following:

- UWPH Executive Director (ex-officio)
- UWPH Goderich and Area staff person (non-voting)
- Chair
- Vice-Chair
- Community members with expertise related to UWPH focus area frameworks
- Community members with expertise related to fundraising
- CIAC Liaison
- Representation from all municipalities in North Huron and Area (North Huron, Morris-Turnberry) where possible.

Note: Individual committee members may fulfill more than one of these criteria.

**4. Term**

Normally, NHCC members may serve a two-year renewable term, up to a maximum of six years. The roles of Chair and Vice-Chair are normally two (2) year appointments.

**5. Orientation**

Orientation may include:

- Meeting with Community Development Manager and Chair (UWPH, regional priorities, advocacy and fundraising)
- Guest at Community Committee meeting

**6. Meetings**

The NHCC will meet monthly, ten (10) times throughout the year, normally in North Huron/Morris-Turnberry or Howick and/or virtually. There will be no meetings scheduled in the months of July and December.

In Camera meetings will follow the In Camera Meetings Policy (Sup33).

**7. Quorum**

Quorum will be the simple majority of current the NHCC membership. Quorum may be established by web-conference or teleconference.

**8. Decision-Making**

Every effort will be made to establish consensus. If consensus cannot be achieved, a simple majority of those present is required, assuming that quorum has been met. The Chair may elect to conduct an electronic poll of members between meetings and/or if quorum cannot be established.

**9. Member Expectations**

- Members are expected to attend a minimum of 75% of meetings annually.
- Members are encouraged to support all activities of the committee (e.g. fundraising, advocacy, awareness and events).
- Members are encouraged to give to the UWPH annual campaign.

**10. Review & Revision**

These Terms of Reference will be reviewed at least bi-annually in April by the NHCC, the Resource Development Team and the Management Team.

January 24, 2024

**Maitland Source Protection Authority (MSPA) Meeting #1-24  
Minutes**

**Members Present:** Alison Lobb, Ed McGugan, Alvin McLellan, Matt Duncan, ,  
Sharen Zinn, Ed Podniewicz, Megan Gibson, Andrew  
Fournier, Evan Hickey, Vanessa Kelly

**Members Absent:** Anita van Hittersum

**Staff Present:** Phil Beard, General Manager-Secretary-Treasurer  
Jayne Thompson, Communications, GIS, IT Coordinator  
Stewart Lockie, Conservation Areas Services Coordinator  
Donna Clarkson, Source Water Protection Specialist  
Michelle Quipp, Executive Assistant

**Others Present:** Cory Bilyea, Midwestern Newspapers

**Motion MSPA #1-24**

**Moved by:** Ed McGugan                      **Seconded by:** Vanessa Kelly

THAT the Members move into the Maitland Source Protection Authority meeting.  
(carried)

a) Approval of the Minutes from MSPA Meeting #2-2024 held on September 20, 2023:

**Motion MSPA #2-24**

**Moved by:** Megan Gibson                      **Seconded by:** Alvin McLellan

THAT the minutes from the MSPA meeting #2-23 of September 20, 2023 be approved.  
(carried)

b) Program update: MSPA Report # 1-2024



Report #1-2024 was presented to the members for their information. No motion was made.

c) Proposed Update to Maitland Source Protection Plan to incorporate changes to Century Heights (Saltford) and Lucknow wells: MSPA Report #2-2024

Report #2-2024 was presented to the members for their information.

d) Adjournment

The meeting adjourned at 8 pm with this motion:

**Motion MSPA #3-24**

**Moved by:** Vanessa Kelly

**Seconded by:** Alison Lobb

THAT the MSPA meeting be adjourned.  
(carried)



---

Matt Duncan  
Chair



---

Phil Beard  
General Manager / Secretary-Treasurer



# Membership Minutes

## Membership Meeting #1-2024

January 24, 2024

**Members Present:** Alison Lobb, Ed McGugan, Alvin McLellan, Evan Hickey, Sharen Zinn, Megan Gibson, Ed Podniewicz, Andrew Fournier, Matt Duncan, Vanessa Kelly

**Members Absent:** Anita Van Hittersum

**Staff Present:** Phil Beard, General Manager-Secretary-Treasurer  
Jayne Thompson, Communications, GIS, IT Coordinator  
Stewart Lockie, Conservation Areas Services Coordinator  
Donna Clarkson, Source Water Protection Specialist  
Michelle Quipp, Executive Assistant

**Others Present:** Cory Bilyea, Reporter, Midwestern News

### 1. Call to Order

Chair, Matt Duncan, welcomed everyone and called the meeting to order at 7:00pm.

### 2. Declaration of Pecuniary Interest

There were no pecuniary interests at this time.

### 3. Minutes

The minutes from the Maitland Valley Conservation Authority (MVCA) General Membership Meeting #12-2023 held on December 20, 2023

#### Motion FA #1-24

**Moved by:** Megan Gibson                      **Seconded by:** Alvin McLellan

THAT the minutes from the General Membership Meeting #12-2023 on December 20, 2023, be approved.  
(carried)

#### 4. **Business Out of the Minutes**

- a) Watershed Stewardship Fees: Report #1-2024

Report #1-2024 was presented to the members and the following motion was made:

##### **Motion FA #2-24**

**Moved by:** Alvin McLellan                      **Seconded by:** Ed McGugan

THAT the Additional 2024 stewardship Fees be approved  
(carried)

- b) Revised Agenda for 2024 Annual Meeting: Report #2-2023

Report #2-2024 was presented to the members and the following motion was made:

##### **Motion FA #3-24**

**Moved by:** Sharen Zinn                      **Seconded by:** Megan Gibson

THAT the revised agenda be approved as outlined in Report #2-2024.  
(carried)

- c) Declarations for Chair, Vice, and Second Vice for 2024: Report #3-2024

Report #3-2024 was presented to the members for their information.

The following Members declared their intention to run: Ed McGugan for Chair, Matt Duncan for Vice, and Evan Hickey for Second Vice.

#### 5. **Business Requiring Decision and or Direction:**

- a) Review of Members 2023 Work Plan: Report #4-2024

Report #4-2024 was presented to the members for their information.

- b) 2023 Year End Revenue/Expenditure Review: Report #5-2024

Report #5-2024 was presented to the members and the following motion was made:



**Motion FA #4-23**

**Moved by:** Megan Gibson

**Seconded by:** Ed Podniewicz

THAT the year-end surpluses and deficits outlined in Report #5-2024 be directed to the appropriate accumulated surplus categories;  
AND THAT all deferred revenue be directed to the designated projects in the 2024 draft budget.  
(carried)

c) Review of 2024 Members Manual: Report #6-2024

Report #6-2024 was presented to the members and the following motion was made:

**Motion FA #5-23**

**Moved by:** Sharen Zinn

**Seconded by:** Ed McGugan

THAT The Members Manual for 2024 be adopted.  
(carried)

d) Proposed Amendment to Personnel Policy: Report #7-2024

Report #7-2024 was presented to the members and the following motion was made:

**Motion FA #6-24**

**Moved by:** Alison Lobb

**Seconded by:** Alvin McLellan

THAT the Personnel Policy be amended to state that employees will be paid for vacation days that exceed the two-week carryover limit for work-related reasons. The payout of these vacation days must be approved by the General Manager Secretary Treasurer, or the Chair in the case of the General Manager Secretary Treasurer;

AND THAT that the Restoration Supervisor be paid for the 10.9 days of vacation that out of the 2024 budget;

AND FURTHER THAT the Communications-GIS-IT Coordinator be paid for 5.3 days of vacation out of the 2024 budget.

(carried)

e) Letter from the Township of Howick Re: Grass Cutting Gorrie Conservation Area

The letter from the Township of Howick about Grass Cutting Gorrie Conservation Area was presented to the members for their information.

The following Motion was made:

**Motion FA #7-23**

**Moved by:** Alvin McLellan

**Seconded by:** Sharen Zinn

THAT Stewart Lockie investigates options for grass cutting and naturalization at the Gorrie Conservation Area.  
(carried)

**Consent Agenda:**

The following items were circulated to the Members for their information:

- a) Revenue-Expenditure Report for November: Report #8-2024
- b) Final Submission Programs & Services-MNRF: Report #9-2024

**Motion FA #8-24**

**Moved by:** Ed McGugan

**Seconded by:** Megan Gibson

THAT Report #8-9 along with the respective motions as outlined in the Consent Agenda be approved.  
(carried)

**6. Chair and Members Report**

Ed McGugan reported on attending the Saugeen Valley Conservation Authority AGM.

- 7. Adjournment:** Next meeting: February 14, 2024, at 2:00pm at the Wroxeter Community Centre in the upstairs hall.

**Motion FA #9-24**

**Moved by:** Megan Gibson

**Seconded by:** Alvin McLellan

THAT the Members Meeting be adjourned at 7: 50pm.  
(carried)



---

Matt Duncan  
Chair

---

Phil Beard  
General Manager / Secretary-Treasurer

## Annual Meeting of the Membership#2-2024

February 14, 2024

**Members Present:** Alison Lobb, Ed McGugan, Alvin McLellan, Sharen Zinn, Ed Podniewicz, Matt Duncan, Vanessa Kelly, Anita Van Hittersum

**Members Absent:** Megan Gibson, Andrew Fournier, Evan Hickey

**Staff Present:** Phil Beard, Jayne Thompson, Michelle Quipp, Erica Magee, Mat Shetler, Jason Moir, Stewart Lockie, Barry Skinn, Cheryl Dobbyn, Danielle Livingston, Donna Clark, Elizabeth Huber-Hidby, Emily Shaw, Jeff Winzenrid, Karlene Zurbrigg, Marissa Roefs, Shannon Millar, Tim Prentice, Dave Nuhn

**Others Present:** Kriss Snell, John Thompson, Beth Ross, Erik Downing, Alana Dick, Amy Gangl; Rachel White; Ted Briggs, Bill Strong, Deb Shewfelt, Jim Campbell, Vince Judge, Glen McNeil, David Yates, Cory Bilyea, Jeff Brick, Jamie Heffer, Geoff King, Terry Fisk, Art Versteeg, Wilf Gamble, Marg Beard, Angela Coleman, Paul Heffer, Rosemary Rognvaldson, Dave Grummett, Shirley Moore, Larry Allison, Dave Turton, Dianne Dosman, Marg Anderson, Jim Ginn

### 1. Welcome by the Chair

Chair, Matt Duncan, welcomed everyone and called the meeting to order at 2:00pm.

### 2. Introduction of the Members of Maitland Conservation for 2024

Chair Duncan invited all the Members of the Maitland Valley Conservation Authority introduce themselves and the Municipalities that they represent.

### 3. Introduction of Guests

Chair Duncan invited the following dignitaries to introduction themselves on behalf of their organization and to bring remarks: Angela Coleman, Executive Director, Conservation Ontario; Ben Lobb, MP Huron-Bruce, represented by Bill Strong; Glen McNeil, Warden, County of Huron, Mayor of ACW; Jamie Heffer, Mayor, Municipality of Morris-Turnberry; and Paul Heffer, Reeve, Township

of North Huron.

Chair Duncan introduced past Chairs, Vice Chairs and Second Vice Chairs of MCVA attending: George Wicke, Vince Judge, Wilf Gamble, Deb Shewfelt, Art Versteeg, Jim Campbell, Dave Turton and Terry Fisk.

#### 4. Chair's Remarks

I have had the privilege of serving as MVCA's Chair for the past two years.

It has been an honour to work with the members over that time.

We have accomplished a lot and have worked well together to make decisions that are in the best interests of the health of the watershed.

As many of you may know we are fortunate to have some of the most productive farmland in Ontario

We also have some of the finest hardwood forests in Ontario.

The Maitland River is one of the best small mouth bass rivers in Southwestern Ontario.

The Lake Huron shoreline is highly valued for recreation and tourism.

These are all natural assets that help sustain prosperity in the Maitland watershed.

These natural resources are also the foundation of our life support system, along with clean air and a stable climate.

As you know the Provincial Government passed a regulation requiring conservation authorities to enter into an agreement with their member municipalities for programs and services that the Province considered to be non-mandatory.

These programs included watershed stewardship and watershed health. MVCA's Vision is working for a Healthy Environment, therefore it is critical that MVCA continue to provide programs that help to improve the health of rivers, forests, and soil.

MVCA Member municipalities agreed to continue to support these programs.

MVCA was one of the first if not the first conservation authority in the province to have an agreement in place with all its member municipalities.

Some of the other highlights for me from the past year include:

- developing an agreement with the Municipality of North Perth to lease the Galbraith Conservation Area
- the Watershed Stewardship work that we were able to undertake in cooperation with landowners and community groups in 2023
- a total of 179 stewardship projects were carried out in 2023 through the Huron and Wellington County Clean Water Projects
- the Forest Health assessment that was completed in 2023, this groundbreaking work will lead to the development of new approaches for improving the health of forests
- the coastal resiliency project that MVCA is leading to identify ways to use nature-based approaches to improving the health of the Lake Huron shoreline
- the continued success of the Falls Reserve Conservation Area for camping, hiking, swimming, and fishing.
- It is a natural gem that is highly valued by the public
- in 2023 accessible washrooms and showers were added
- The construction of the bat condo at the Wawanosh Valley Conservation Area, to provide

*Minutes of Maitland Conservation Membership Meeting held January 24, 2024*

habitat for the colony of little brown bats now that the barn has been removed

- And finally, OMAFRA and MECP's continuing leadership and support for the Healthy Lake Huron collaborative.

- It is a model for how Federal and Provincial governments can work together with conservation authorities, counties, health units and other community groups to improve the health and resiliency of the rivers and streams that flow into Lake Huron.

-I would like to especially thank our MPP Lisa Thompson for her willingness to continue to champion the continuation of the Healthy Lake Huron initiative. You will hear more about this initiative later in our program.

To our member municipalities, I would like to thank you for your continued support of MVCA over the past year.

We appreciate your willingness to continue to support our work.

We can accomplish a lot and be more effective when we work together.

I would like to thank the Maitland Conservation Foundation and the John Hindmarsh Environmental Trust Fund Board for their continuing efforts to raise funds to help MVCA to upgrade the infrastructure in our conservation areas and to use for restoring natural areas across the watershed.

I would also like to thank the staff for their dedication and commitment to improve the health of the watershed.

Your professionalism and work ethic are appreciated by the members.

- In closing I thank the members for their support over the past two years and I look forward to continuing to serve as a member of MVCA.

## **5. Staff Service Awards**

Chair Duncan and Vice Chair McGugan announced staff service awards:

- a) Mat Shetler, Watershed Monitoring Specialist: 15 years
- b) Jason Moir, Park Superintendent Falls Reserve Conservation Area: 20 years
- c) Stewart Lockie, Conservation Areas Coordinator: 25 years
- d) Erica Magee, Executive Assistant: 25 years

## **6. Election of Officers: Maitland Conservation & Maitland Source Protection Authority**

### **a) Appointment of Presiding Officer and Scrutineers**

Chair Duncan called for an appointment of a Presiding Officer for the election of Chair.

### **Motion FA #10-2024**

**Moved by:** Alison Lobb **Seconded by:** Alvin McLellan

THAT Glen McNeill act as the Presiding Officer for the election of Chair, Vice, and Second Vice for the Maitland Valley Conservation Authority (MVCA) and the Maitland Source Protection Authority (MSPA).

(carried)

**b) Election of Chair for 2024**

Presiding Officer McNeill called for nominations for the position of Chair for the Maitland Valley Conservation Authority and the Maitland Source Protection Authority for 2024.

**Motion FA #12-24**

**Moved by:** Alvin McLellan

THAT Ed McGugan be nominated for Chair of the MVCA and the MSPA for 2024.

(carried)

Presiding Officer McNeill called for nominations for the Chair position two more times. There were no further nominations and the Presiding Officer called for a motion to close nominations.

**Motion FA #13-24**

**Moved by:** Sharen Zinn

**Seconded by:** Ed Podniewicz

THAT nominations for the position of Chair of the Maitland Valley Conservation Authority and Maitland Source Protection Authority for 2024 be closed.

(carried)

Ed McGugan agreed to stand for the position of Chair in 2024.

Presiding Officer, McNeill declared Ed McGugan as the Chair of the MVCA and MSPA for 2024.

**c) Election of Vice-Chair for 2024**

Ed McGugan, Chair called for nominations for the position of Vice-Chair of the Maitland Valley Conservation Authority and Maitland Source Protection Authority for 2024.

**Motion FA #14-24**

**Moved by:** Alvin McLellan

THAT Matt Duncan be nominated for Vice-Chair of the Maitland Valley Conservation Authority and Maitland Source Protection Authority for 2024.

(carried)

The Chair called for further nominations for Vice-Chair two more times and no others were made so then called for a motion to close nominations.

**Motion FA #15-24**

**Moved by:** Anita Van Hittersum

**Seconded by:** Sharen Zinn

THAT nominations for the position of Vice-Chair of the Maitland Valley Conservation Authority and Maitland Source Protection Authority for 2024 be closed.

(carried)

Matt Duncan accepted the Vice-Chair position.



The Chair thanked each of the presenters for partnering with MVCA on these projects.

**9. Adoption of Meeting Schedule for 2024: Report #10-2024**

Report #10-2024 was presented to the members and the following motion was made:

**Motion FA #18-24**

**Moved by:** Anita Van Hittersum      **Seconded by:** Vanessa Kelly

THAT the meeting schedule for 2024 be approved as outlined in Report #10-2024.

**10. Closing Remarks: Chair, MVCA**

Chair, McGugan thanked everyone for attending the Maitland Valley Conservation annual meeting and asked everyone to stay for a social time after the meeting is adjourned.

**11. Adjournment:**

Next meeting: March 20, 2024, at 7:00pm at MVCA's Admin. Centre located in Wroxeter.

**Motion FA #19-24**

**Moved by:** Vanessa Kelly      **Seconded by:** Sharen Zinn

THAT the Members Meeting be adjourned at 3:26pm.  
(carried)



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Ed McGugan  
Chair



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Phil Beard  
General Manager / Secretary-Treasurer





<b>Unfinished Business</b>		<b>Action/person in charge</b>
1	<p><b>Roof</b>  Approx. cost  Looking for quotes  Inquired with township re: funding this</p> <p>Nothing to report</p>	Randy Kevin messaged Trevor about this
2	<p><b>Countertop for bar upstairs</b>  Decided it would be easier to find a new/used piece of countertop to fit the bar upstairs rather than make the piece we have fit it.</p> <p>-keep an eye out for chunks of countertop for the bar upstairs and prices.</p> <p>Will not be completed before homecoming.</p>	Randy
3	<p><b>Inspection Report</b>  -nothing to report</p>	
4	<p><b>Lights at BallPark</b>  -Jason is going to reorder lights for the ballpark- will let us know when they are in  -Soon as it is dry enough to get the crane down there.</p> <p>Expected Date of Completion: Will be completed before August</p>	Jason
5	<p><b>Ball Park</b>  4 foot extension to the fence at the ballpark diamond.  Expected date of completion: after homecoming</p> <p>Spring Cleanup Date: April 6th (weather depending)  *Mention at next homecoming meeting to try and get more volunteers</p>	Wayne Ken  All members
6.	<p><b>Playground equipment</b></p> <p>Waiting to be inspected (Mike Alcock)</p>	

	<p>Possibly a grand opening - could include with Homecoming activities</p> <p>Date: not until the spring</p> <p>A few things to be completed -</p> <ul style="list-style-type: none"> <li>-Swings change the spacing to maybe 2 swings</li> <li>-hood was loose on the double slide</li> <li>-some things need to be sanded and repainted</li> <li>-The surface needs to be expanded around the playground</li> <li>-Recommended that we rotate it twice a year so that it does not get packed down</li> <li>-Take swings down for the winter - need bearings again - adjust the length of the chains</li> </ul> <p>Sign for closer to the playground listing what to do in an emergency - Randy will forward the signage requirements to Katie *Proper address</p> <p>-check with other communities and what their signs say - Trevor will let us know what to put on it and where to order from.</p> <p>Need to order swings 2 and chains - ABC recreation Mike 519-754-5365 2 swings - clamps that go around the pipes (need to know the pipe size)</p>	<p>Randy/Trevor</p> <p>Spencer</p> <p>Katie</p>
7.	<p><b>Central Vac</b></p> <p>Kenny brought in a central vac and will hook up (Thank you!)</p> <p>Might need a new vacuum head</p>	Ken
8.	<p><a href="#"><u>Super Bowl Party Summary Report</u></a></p> <ul style="list-style-type: none"> <li>-Funds raised for Homecoming \$1503.05</li> <li>-Lots of compliments</li> <li>-will run event again next year</li> </ul>	
9.	<p><b>Request from Renters:</b></p> <p>Floor mount onto the wall handrails in the bathrooms (4)</p>	Randy

	Expected Date of Completion: Before homecoming	
10.	<p><b>Internet at the hall</b> - changed to Rogers from Kincardine Cable Cost change, now paying \$67.79/month for internet at the hall.</p> <p>Still have not been able to contact either through Kincardine Cable or through the Rogers contact - Will continue to try</p> <p><b>**UPDATE - Have been in contact with Kincardine Cable as they were still billing us, this has now been canceled and will be issuing a refund from Jan-now. Rogers account has now been set up and payments will be directly taken from account at the amount of \$67.79 each month.</b></p>	Katie

New Business		Action/Person in charge
1	<p><b>Hall Rentals</b> Mar 6- BCC Meeting Mar 10 - Shannon Wilhelm (BDay Party) Mar 15- Cards Mar 20 - Homecoming Meeting Mar 21 - WOLPA Mar 23- Melinda Wheeler Mar 24- Juanita Gerber Mar 28- Bow making night Mar 30 - Brewer/MacFarlane Mar 31 - Chastity Clarke</p>	Katie -will clean before and after events
2.	<p>Front room - can we use it as storage? (ie.Christmas decorations, items that are stored at back door that were to be cleared for inspection report,etc)</p>	

	<p>-members agreed that this will work for storage.</p> <p>Clean out upstairs closet When is the large item day in town for the dump?(lots of broken tables)</p>	
3	<p>Spring Pub Night</p> <ul style="list-style-type: none"> <li>- Homecoming Kickoff dance</li> <li>- Max Johnston wants to organize for April 20th Wayne will talk to Max about that Date</li> <li>-will advertise once we have confirmation</li> <li>_liquor license will need to be acquired</li> </ul>	Wayne/Max
4.	<p>Tractor Pull/Cornhole Tournament Date: June 8th Stoneboat Pullers are booked</p> <p>Note: Randy will be away for this event but can still acquire the liquor license for it if we need him to Note: Katie/Tyler will also be away for this event</p> <p>Members still agreed to go ahead with this event and this date.</p>	
5.	<p>Fishing Derby Sunday July 7th (End of family Fishing Week) 8-12</p>	Katie
6.	<p>Safe Food Handler Certificate - Completion Jason Colgate Paid for completion for volunteers as per previous meeting minutes \$112.94</p>	Katie
7.	<p>Defibrillator Was mentioned that we should have one at the Hall (or located somewhere in town) Grants are available to acquire these - ask at township?</p>	
8.	<p>March Break - not enough time to plan a family event BCC members would like to do more events for families/children Ideas: -sponsor jerseys</p>	Ken

	<ul style="list-style-type: none"><li>- sponsor swims</li><li>- activities at the hall (BINGO, movie night, dance,</li><li>-at the tractor pull have activities out for the kids in the rec pad area</li><li>- maybe balloon animals (look into costs)</li></ul>	
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**Adjournment:**

Moved by: Spencer

Second by: Ken

The meeting was adjourned at :7:50pm

**Next Meeting Date/Time & Goal:**

**Wednesday April 3, 2024 @ 7pm**

## **SOURCE PROTECTION COMMITTEE**

### **MINUTES – MEETING #93**

**MEETING:** SOURCE PROTECTION COMMITTEE  
**DATE:** NOVEMBER 24, 2023  
**TIME:** 1:00 P.M.  
**LOCATION:** GREY SAUBLE CONSERVATION & VIRTUAL

#### **CALL TO ORDER**

Chair called the meeting to order at 1:00 p.m.

**In Attendance:** Chair, Carl Kuhnke  
Andrew Barton, Harley Greenfield, Amy Harrison, Dick Hibma, Les Nichols, Dan Orr, Troy Pelletier, Gord Timmerman

**Virtual Attendance:** John Rodgers

**Proxy Appointed By:** John Fruin

**Others Present:** Carl Seider, Project Manager, Drinking Water Source Protection (DWSP)  
Nancy Guest, Recording Secretary, DWSP

**Also in Attendance:** Karen Gillan, Program Supervisor & Communications Specialist, DWSP  
Erik Downing, Acting General Manager/Secretary-Treasurer, Saugeen Conservation (SVCA)  
Devin Wilhelm, Water Operator, Chippewas of Nawash First Nation

**Regrets:** Hugh Simpson, Mitch Twolan

#### **1. Adoption of Agenda**

**Motion No.**  
**SPC-23-257**

**Moved by Dick Hibma**  
**Seconded by Andrew Barton**

**THAT the Agenda be adopted as distributed.**

**Carried**

## **2. Disclosure of Pecuniary or Conflict of Interest**

Source Protection Committee (SPC) members were reminded to disclose any pecuniary interest that may arise during the course of the meeting. No disclosures of pecuniary interest were expressed at this time.

## **3. Adoption of Minutes**

**Motion No.  
SPC-23-258**

**Moved by Les Nichols  
Seconded by Amy Harrison**

**THAT the Minutes of the July 28, 2023 Source Protection Committee meeting be adopted as distributed.**

**Carried**

## **4. Matters Arising from the Minutes**

No matters arose from the previous minutes.

## **5. Correspondence**

Copy of letter from Quinte Source Protection Committee dated October 27, 2023 to the Minister of the Environment, Conservation and Parks respecting source water priorities and concerns was **noted and filed**. Discussions followed respecting the validity of 20-year-old information being used for the Program, as well as stewardship incentives and ongoing education. Based on these discussions, it was noted that a letter would be sent to the Ministry on behalf of the Source Protection Committee in support of the comments made by the Chair of Quinte.

## **6. Reports**

### Administration Report 6a

With respect to new or replacement wells being proposed, the Project Manager advised that:

Ripley Well #1 will be abandoned and capped and the system will continue to operate on the remaining drinking water wells with the Wellhead Protection Area (WHPA) adjusted accordingly.

Minto Pines is currently awaiting a Permit to Take Water (PTTW) respecting the new well drilled to replace Well #1. Well #1A is approximately 6m north of Well #1 and the remaining WHPA will remain the same since both wells draw from the same aquifer. Wellington County staff will complete the work required to provide the technical information. Connection of the new production well to the Minto Pines system is expected in the Spring of 2024.

In Chesley, technical reports on the proposed Well #4, which appears to be drawing from the same aquifer as the existing Well #3, are being reviewed by Arran-Elderslie municipal staff. When finalized, DWSP Staff will review the technical report in order to issue s. 48 Notice for Source



Protection Authority review/approval. The municipality plans to bring Well #4 online by the summer of 2024.

In Teeswater, a new well is being proposed in close proximity to the existing Well #3, and in Durham, a new well is being proposed close to Well #1b. More information on both these wells will be provided as detailed plans become available.

#### SPC Group 2 Municipal Member Replacement:

The Project Manager advised that a Notice had been issued to the Group 2 municipalities, Saugeen Shores, Kincardine, Huron-Kinloss, South Bruce, Morris-Turnberry and Howick, requesting the names of candidates to replace Mitch Twolan on the Source Protection Committee, who is retiring from the Committee after serving since its inception in 2007. Several possible candidates have been vetted and once an individual has been advanced by the relevant municipalities, the candidate will need to be endorsed by the Source Protection Management Committee, and formally appointed by the lead Source Protection Authority.

#### Proposed Changes to PTTW Applications:

The Project Manager advised that the MECP, in an effort to make the process simpler, it has made changes to Permit-To-Take-Water applications, which seem reasonable and have little affect on this Region, with only one area in the Region identified with water quantity issues.

#### Communications Report 6b

The Communications Specialist/Program Supervisor reviewed Communications Report 6b and advised that Staff has been meeting with various municipal staff to establish risk management plans for salt storage and application activities pursuant to policies in the Source Protection Plan (SPP). These meetings have provided an opportunity to review best management practice resources to protect vulnerable drinking water systems as part of local outreach.

Cover crop projects are in the current round of stewardship funding. Other project areas are still available in subsequent rounds. The next project dates are April 1, 2024 to March 31, 2025, and April 1, 2025 to March 31, 2026. A simple application form can be found at: <https://forms.office.com/pages/>. Please contact Jenna Salvatore at Conservation Ontario [jsalvatore@conservationontario.ca](mailto:jsalvatore@conservationontario.ca) Cell: 289-338-3336 if more information respecting eligibility is required.

Conservation Ontario continues to support public awareness of the Clean Water Program and has supplied social media campaign materials. The last media campaign (August 23, 2023 to October 11, 2023) was based on seasonal messaging of the Drinking Water Source Protection program. The campaign media posts are being implemented through this Region's Facebook and Twitter accounts.

## **7. New Business**

## Stormwater Management Works Policy Report 7a

The Project Manager reviewed Stormwater Management Works Policy Report 7a and advised that a Notice on the Environmental Registry of Ontario (ERO) was issued to streamline environmental permissions for stormwater management under the Environmental Activity and Sector Registry (EASR).

The proposed changes include allowing owners of certain stormwater management works to self-register on the EASR, and streamline approvals and allow self-registration for eligible stormwater management works servicing commercial, institutional, light industrial and multi-unit residential types of activities. The changes will also amend Ontario Regulation 525/98 under the *Ontario Water Resources Act* to exempt some stormwater management works in residential areas from approval requirements and amend Ontario Regulation 287/07 made under the *Clean Water Act, 2006* by removing the need for limiting or restricting the types of policies to be included in source protection plans where a significant drinking water threat is being managed through registration on the EASR, and to allow for amendments to existing source protection plans without following the usual process.

The MECP determined that risks to sources of drinking water can be addressed by the rules proposed in the new EASR regulation. If the activity is a significant drinking water threat, a Licensed Engineering Practitioner (LEP) would be required to consider additional design measures and may need to consider other requirements. The proposal would also amend the regulation to allow for amendments to be made to source protection plans without undergoing the existing amendment processes.

It is not anticipated that the proposed changes will impact the local Source Protection Plan, as there are no Prescribed Instrument policies for stormwater management works. The only policy that applies is Policy 02-11, which would not need to be changed.

## Kimberley-Amik-Talisman Karst Study Report 7b

The Project Manager reviewed Kimberley-Amik-Talisman Karst Study Report 7b and advised that Staff recently received test results from water samples taken from the Talisman Spring, as well as from a karst sinkhole within the Wellhead Protection Area (WHPA) -C area of the Kimberley-Amik-Talisman drinking water system, which revealed the detection of pesticides in the location of the sinkhole (WHPA-C area), but no measurable detection of pesticides at the Talisman Spring location, which is in close proximity to the municipal well.

Due to the existence of numerous sink holes on top of the escarpment and strong karst influence, the uncertainty associated with this WHPA in this area is very high and given the lack of conclusive evidence respecting karst impacts on the Kimberley-Amik-Talisman well, it was recommended that an additional peer-reviewed study be completed as part of any development proposal for this area with respect to potential impacts to groundwater sources. Staff can also include a request to the Ministry of Environment Conservation and Parks as part of the next budget submission to seek funds for a more detailed karst study of the area.

**Motion No.  
SPC-23-259**

**Moved by Amy Harrison  
Seconded by Harley Greenfield**

**THAT: Drinking Water Source Protection Staff is directed to include the proposal of funding for a more detailed hydrogeological karst study in the area of the Kimberley-Amik-Talisman well as part of the Source Protection 2024-2026 budget submission to the Ministry of the Environment, Conservation and Parks (MECP) for consideration in the 2024-2025 MECP budget.**

**Carried**

Source Water Policy Interface Changes Report 7c

The Project Manager reviewed Source Water Policy Interface Changes Report 7c and advised that changes to the annual reporting database and reporting process allow for a more integrated tool for updating Source Protection Plan policies, as well as reporting requirements on policy implementation status that can be accessed by source protection staff, Risk Management Officials and/or municipal partners.

DWSP Staff has recently updated the policy interface tool and assigned the appropriate municipalities with each of their Municipal and RMO policies where they are identified as 'implementing bodies'. Implementing bodies have also been provided restricted access to the portal to update the implementation status. This information can be completed by individual municipalities directly or through designated Risk Management staff. Accordingly, a request will be sent to all municipalities in our Region seeking direction on this change as to their preference to complete these updates directly or to work through designated Risk Management staff to complete this information on their behalf.

**Motion No.  
SPC-23-260**

**Moved by Amy Harrison  
Seconded by Gord Timmerman**

**THAT Drinking Water Source Protection Staff be directed to issue an update to municipal Clerks regarding the policy interface portal changes and seek direction on whether the respective municipalities would like to complete these updates directly or delegate this responsibility to designated Risk Management staff.**

**Carried**

**8. Other Business**

There was no other business.

**9. Confirmation of Next Meeting and Adjournment**

The next Committee meeting will be held on **Friday, March 22, 2024** at the Grey Sauble Conservation Administration Offices.

There being no further business, Gord Timmerman made a motion to adjourn at 2:50 p.m.



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Carl Kuhnke  
Chair



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Nancy Guest  
Recording Secretary

## Good News

### AMDSB Celebrates Pink Shirt Day

Communications Manager Chera Longston shared [a video](#) that highlighted that schools across the district participated in Pink Shirt Day - a day to raise awareness about bullying and promote messages of kindness.

### Indigenous Student Grand Council Hosts Inaugural Meeting

Superintendent April Smith proudly announced that the Indigenous Education team, led by System Principal Jana Bayer-Smith, successfully hosted the inaugural meeting of the Indigenous Student Grand Council. Indigenous Education Lead Monique Pregent (M'Chigeeng First Nation), along with Indigenous Student Support Advisor Matt Baker (Saugeen First Nation), Indigenous Mental Health Counsellor Melissa Stevens (Batchewana First Nation), Ray John (Oneida First Nation), and Russell Peltier (Chippewa of the Thames First Nation) facilitated various activities and engaged in discussions regarding future leadership prospects for Indigenous students.

### AMDSB Staff and Trustee Recognized at Perth-Huron United Way Spirit of Community Celebration

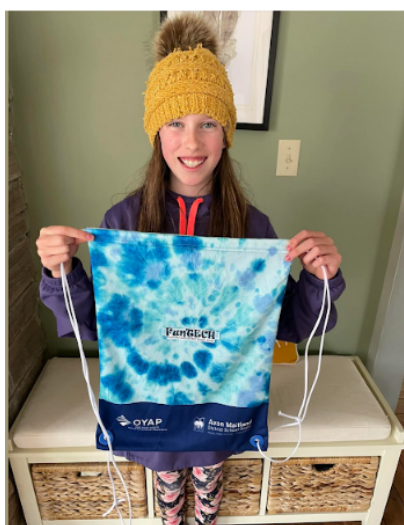
Chair Robert Hunking shared that he, along with other trustees and staff members, attended the Perth-Huron United Way Spirit of Community Celebration. AMDSB was recognized as a top 10 workplace for their staff fundraising campaign and Trustee Patricia Smith was awarded a Community Spirit Award for North Huron for her volunteer work in that area. Congratulations to all involved!

### Trustees Approve 2024/2025 School Year Calendar

The comprehensive calendar for the 2024/2025 academic year has received full approval and is now available for viewing on the [School Year Calendar page](#). This calendar provides essential details such as PA days, exam dates, and other significant information.

## FunTECH March Break Kits, Local Skilled Trades Event, and Elementary Skills Ontario

Superintendent Paul Langis provided an update from the Pathways team, featuring three exciting initiatives. Firstly, he introduced the March Break FunTECH program, which distributed over 400 kits to grade 6 students district-wide. These kits offered engaging at-home activities centered around various skilled trades, including cooking (cast iron pizza), baking (lava cakes), carpentry (washer toss game), motive power (propeller car or mini motorized car), or sewing (hand-sewn cinch sack). Secondly, he spotlighted the inaugural local Skills Ontario competition held at Listowel District SS. Four schools (Listowel District SS, Stratford District SS, St Marys DCVI, and Goderich District CI) participated in qualifying rounds for welding and carpentry, as reported in the [CTV London news story](#). Lastly, he highlighted elementary students gearing up for the elementary provincial Skills Ontario Competition scheduled for May 6.



## FE Madill SS Hosts Living Library

Trustee Patricia Smith reported that FEMSS hosted a living library for students where local community members and partners visited the school to share experiences and stories. During the event, students had the opportunity to ask questions and actively participate in this enriching learning experience.

## Secondary Students Participate in Drama Fest!

Vice Chair Nancy Rothwell highlighted the recent [Drama Fest](#) hosted by the National Theatre School. Secondary students from schools across the district showcased their dramatic talents and some are moving onto the regional competition in Gravenhurst!

## Athletics Update

Superintendent Paul Langis highlighted some of the recent athletic accomplishments of AMDSB students.

### Swimming

- 19 swimmers competed at OFSAA.
- Special mention to Siohban Kleuskens (GDCI) for placing 6th in the 50m free high school senior and Grace Bach (MDHS) for placing 19th in the 200m IM open division

### Boys Basketball

- MDHS competed at OFSAA, won their first 2 games but lost in the quarter finals 60-54 to the eventual silver medalist from Kenner CVI.

The spring season is getting started with badminton, soccer, tennis, track and field, ultimate frisbee, slo-pitch and rugby.

## Chair Update

Trustee Whitaker received a verbal caution as a sanction given by trustees as the result of a Code of Conduct.

## Student Trustee Update

Student Trustee Nathan Bean reported their e-waste collection initiative is scheduled for the week leading up to Earth Day in April and promotion will begin later this week. The initiative involves four drop-off bins at secondary schools across the district (South Huron DHS, Listowel District SS, Stratford District SS, and Central Huron SS), inviting participation from feeder schools, students, staff, parents/caregivers, and the broader community. This collaborative effort is made possible through a partnership with [Greentec](#) who generously donated the bins and are covering the costs of recycling the e-waste—an enormous thank you to them! Furthermore, the initiative aims to raise awareness of the role of Student Senator and encourages fellow students to consider running for next year's Senate.

## Senior Staff Updates

### Update on the Director's Work Plan

An update was provided on the [Director's Work Plan](#). Superintendent Paul Langis outlined the transition inquiry project that began in the 2022/2023 school year. Student and parent/caregiver interviews and surveys are being conducted to ensure that students experience supported and positive transitions from grades 6 to 7 and 8 to 9. Superintendent April Smith discussed culturally relevant, responsive, and sustaining pedagogy and the support that is being provided to secondary educators (specifically grade 9 and department heads).

### Stratford and Area Boundary Review Update

Superintendent Cheri Carter reviewed a [report](#) that was presented to trustees about the process and the recommendations from the Stratford and Area Boundary Review Committee (SABRC). The trustees will continue to discuss the recommendations and will be organizing a special meeting in Stratford areas and a tour of Stratford schools for trustees. Full details about the project are on the board website: [Stratford Boundary Review page](#).

### Update on Addressing Cell Phone and Technology Use Among Youth

Superintendent Paul Langis shared that a district-wide event will be hosted on May 6 to show a film called "Screenagers" at each of the eight secondary schools. Parents/caregivers from all schools will be invited to attend the school closest to them. Details will be shared with the Parent Involvement Committee (PIC) at their April 3 meeting and also with school councils.

## Future Board Meetings

Regular Board Meetings are held [in person](#) unless otherwise noted. Agendas are posted on the [Board Meeting page](#) the day before the meeting. The public portion begins at 4:45 p.m.

- Tuesday, April 9, 2024: Committee of the Whole, Open Session
- Tuesday, April 23, 2024: Regular Board Meeting at 4:45 p.m. and Committee of the Whole, Closed Session immediately afterwards.



## Future Meetings/Events with Trustee Representation

- Accessibility for Ontarians with Disabilities Act workgroup (AODA) – Wednesday, April 3, 2024 at 3:00 p.m. (online)
- Special Education Advisory Committee (SEAC) – Wednesday, April 3, 2024 at 4:00 p.m.
- Parent Involvement Committee (PIC) – Wednesday, April 3, 2024 at 6:30 p.m. (online)
- Audit Committee Meeting – Wednesday, April 10, 2024 at 5:00 p.m. (online)



Report Date: March 19, 2024

## **Belgrave Drinking Water System – 2023 Compliance Summary**

**PTTW # 4313-C7ARBA, expires September 30, 2031**  
**MDWL # 247-101 issue #4, Expires March 2, 2027**  
**DWWP # 247201 issue #4, dated March 3, 2022**

This is a summary of the Belgrave well supply's regulatory compliance as per O. Reg. 170/03 Schedule 22. A complete summary of flows, chemical use, laboratory analysis and activities on the system was submitted with the Annual Report.

### **System Description**

The Belgrave water system is characterized as a "secure ground water" system and is classified as a large municipally owned water system. The well house and its equipment have a daily maximum capacity to deliver 501 cubic metres of potable water per day to the Belgrave community in Morris-Turnberry and the Humphrey subdivision in North Huron.

The current water sources are two secure deep bedrock wells. The Jane St. production well is located at 32 Hamilton St. and the New McCrea well is located at 23 McCrea St. Both are connected to the treatment plant at 28 McCrea St. via dedicated raw water mains.

The treatment plant is equipped with high lift pumps, backup diesel generator, chlorinators, a chlorine contact reservoir, green sand filtration for iron removal and online monitoring. The system is controlled and monitored by an on-site PLC with alarm generation to an Autodialer.

The Belgrave well supply was put in service May 1, 2007 and replaces the former Jane St, McCrea St. and Humphrey subdivision water systems. The Jane St. and McCrea St. wells were upgraded and retained as sources. The Humphrey subdivision well was abandoned. The Humphrey well house was retained and acts as a sample station and houses an on-line chlorine analyzer for the distribution system.

The distribution system in the Morris-Turnberry side of Belgrave was constructed in 2008 and is constructed of PVC with polyethylene services.

There is a connection to the Humphrey subdivision on the North Huron side. This distribution system is polyethylene and was constructed in the 1980's.

There is no elevated storage to maintain pressure and therefore, the system pressure is maintained using pressure tanks and the high lift pumps.

The system has no hydrants and lacks the capacity to provide fire flows.



## **Chemicals Fed**

### **Disinfectant**

Disinfection was achieved on the Belgrave well supply through the use of 6% sodium hypochlorite.

In the well house, this chemical was added prior to the water entering the chlorine contact chambers at dosages high enough to achieve both primary and secondary disinfection objectives. The average chlorine dosages ranged from 1.86 mg/L to 8.49 mg/L, varying with the chlorine demand of the raw water.

The free chlorine residual was monitored at the point of entry to the distribution system with a target residual of 1.00 mg/L which is typical of the treated water in other municipal water systems. Belgrave had an average chlorine residual of 1.50 mg/L.

### **Iron Removal**

The well water at Belgrave has iron levels higher than what is considered aesthetically acceptable. The well house provides chemically assisted iron filtration through green sand pressurized filters. The chemical used is potassium permanganate. This chemical was fed to the raw water prior to the filters.

## **Flows**

The Belgrave water system PTTW (permit to take water) # 4313-C7ARBA allows 501 cubic metres per day from the combined wells: Jane Well 138.2m<sup>3</sup> and the New McCrea Well 362.8m<sup>3</sup>. The PTTW expires on September 30, 2031. This limit was not exceeded in 2023. A full summary of the 2023 flows can be found in the annual report.

The Drinking Water Works Permit (DWWP) #247-201 Issue 4 for the Belgrave Drinking Water System expires March 2026. The maximum flow rate for the treated water is 6.9 litres per second. The limiting factor regarding flow is chlorine contact time in the chlorine contact reservoir. Flow monitoring is necessary to meet the regulatory CT requirements. Increased flows beyond 6.9 litres per second must have increased free chlorine residual to counter the decreased retention time in the chlorine contact chamber.

The combination of maximum flows through the chlorine contact reservoir and minimum free chlorine residuals exiting the contact reservoir did not exceed limitations in 2023 as recorded by the flow meters and the on-line chlorine analyzer.

The maximum flow in 2023 was 192 cubic meters per day or 38.32% of capacity.

The average flow in 2023 was 90 cubic meters per day or 17.96% of capacity.

## **Non Conformances**

There were no non conformances noted in the last Inspection and was awarded 100% rating

## **Precautionary Boil Water Notices**

No precautionary boil water notices were placed on the Belgrave system in 2023.



### **Boil Water Advisory**

There were no Boil Water Advisories issued by the Huron Perth Public Health (HPPH) on the Belgrave water system in 2023.

### **Adverse Water Quality Incidents AWQI**

There were no instances of adverse water quality in Belgrave.

### **Annual Ontario Ministry of the Environment Inspection**

The last Ministry Inspection for the Belgrave Drinking Water Supply was conducted in December of 2023.

### **Exceedances**

There were no exceedances

### **Infrastructure Assessment**

Regular contact is maintained with the Belgrave representative. The JobsPlus program is continually updated with preventative and corrective maintenance issues. A complete summary can be forwarded to the client upon their request. Through regular communication between the operating authority and the client, capital items are discussed. A list of capital items and concerns was discussed with Belgrave's representatives in November, 2022 for the 2023 operating year.

The annual Management Review was conducted by the operating authority on August 23, 2023 as per the DWQMS requirement in Element 14. Regular discussions between the client and the operating authority for this water system are continued throughout the year by emails, phone calls, and meetings as per the requirements of Element 15 of the DWQMS.

The Internal Audit was last completed July 25, 2023 and the Risk Assessment was last completed June 20, 2022. An offsite External Surveillance Audit was completed by SAI Global on August 11, 2023. An Emergency Response Exercise was conducted by the Municipality however Veolia was not asked to participate.

Sarah Telford Compliance Coordinator

### **Veolia Water Canada, Inc.**

100 Cove Road, P.O. Box 185  
Goderich, Ontario N7A 3Z2  
Tel 519-524-6583 ext 310 - Fax 519-524-9358

[Steven.walmsley@veolia.com](mailto:Steven.walmsley@veolia.com)

[www.veoliawaterna.com](http://www.veoliawaterna.com)

# South Bruce Nuclear Exploration Project

## Summary Report on Safety and the Natural Environment Studies

2024



Produced by GHD Peer Review  
Team for South Bruce

# Introduction

The Municipality of South Bruce is one of two final potential host locations that the Nuclear Waste Management Organization (NWMO) is considering for a Project that includes a deep geological repository (DGR) to store Canada's used nuclear fuel and the Project's associated surface facilities.

This report provides a current summary of studies carried out by the NWMO related to community safety and protection of the natural environment, as well as their associated peer reviews. These studies were prepared to help South Bruce make an informed decision about the Project.

The results of these studies are being used by the NWMO to build confidence that the Project can be implemented safely. The studies have been authored by independent subject matter experts on behalf of the NWMO. The environmental studies carried out to date have provided initial descriptions of the existing natural environment, both below ground (the geosphere) and above ground (the biosphere).

Using these initial descriptions, further studies have identified and assessed:

- The suitability of the geosphere to support the Project.
- The potential Project effects on the biosphere during its construction, operation, and closure phases.
- The Project's potential radiological effects.
- The Project's safety hazards and the mitigation measures required to protect the community and environment during each of the Project's phases over its lifespan.

The NWMO studies have been subject to a thorough peer review process. This independent assessment of findings and recommendations ensures the Project is consistent with South Bruce's Guiding Principles.

The Guiding Principles were developed to guide discussions between the NWMO and the Municipality of South Bruce. Through comprehensive community input and feedback on what South Bruce residents cared most about in relation to the Project, 36 Guiding Principles were created. These Guiding Principles focus on safety for people and the environment, ensuring the Project brings meaningful benefits to the community, and ensuring that the Municipality has a voice in decision-making.

The Guiding Principles have been grouped into seven themes:

- Safety and the Natural Environment (with the NWMO's current findings highlighted in this report).
- People, Community and Culture.
- Economics and Finance.
- Capacity Building.
- Services and Infrastructure.
- Governance and Community Engagement.
- Regional Benefits.

The Project's Peer Review Team (PRT), made up of independent experts from professional consultancy firm GHD, has produced three technical peer review summary reports for the NWMO's studies. They are companion pieces that provide detailed information in support of this *Summary Report on Safety and the Natural Environment Studies*. The companion reports are described further in this summary.

In 2023, GHD, on behalf of the Municipality of South Bruce, published a *Summary of Socio-economic Community Studies and Peer Review Findings* report, which provides recommendations from the PRT to ensure the Project is consistent with the six other Guiding Principle themes, the baseline conditions of the community, and its potential socio-economic effects on the Municipality of South Bruce and its neighbouring municipalities.

These reports, as well as their supporting studies, peer reviews, and the Guiding Principles are available to view at: [www.southbruce.ca/Studies](http://www.southbruce.ca/Studies).

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# Project Background and Infrastructure

In Ontario, nuclear power is used to meet approximately 50 percent of our daily electricity demand. Currently, used nuclear fuel is safely stored in above-ground facilities. The NWMO is proposing to securely isolate this used fuel in a hard bedrock formation within a facility called a deep geological repository (DGR). In addition to the DGR, the Project would include surface facilities, an excavated rock management area (ERMA), and a Centre of Expertise to be located at or near the site in a willing host community.

The NWMO has identified a potential site for the DGR and surface facilities, located near Concession 8 and Sideroad 25 North outside of Teeswater. Further conceptual design and final layout for the Project's facilities will be completed after the final site for the DGR is selected. The NWMO proposes the following elements as part of the Project at or near the identified site.

## Deep Geological Repository

The DGR, as it is currently proposed, will be a network of underground tunnels and placement rooms constructed below the ground's surface in rock known as the Cobourg Formation. It will be designed to safely contain and isolate used nuclear fuel over the long term. The final layout will depend on site-specific factors including site characteristics, the final design of the barrier system and final safety considerations.

Fuel bundles will be secured in a used fuel container, made of steel with a copper coating. These containers will be enclosed in bentonite clay and stored in repository rooms in the DGR.

## Surface Facilities

The DGR's surface facilities will include three vertical shafts, which access the repository to transport used fuel and storage equipment, and offer ventilation. Facilities will also include security areas, administration facilities, quality control laboratories, a sealing materials production plant and a used fuel receiving and packaging plant. The entire site will be surrounded by perimeter security fencing.

These facilities will process approximately 120,000 used fuel bundles per year. Once the bundles arrive at the site

they will be repackaged into durable, corrosion-resistant used fuel containers, and transferred underground for placement in the DGR.

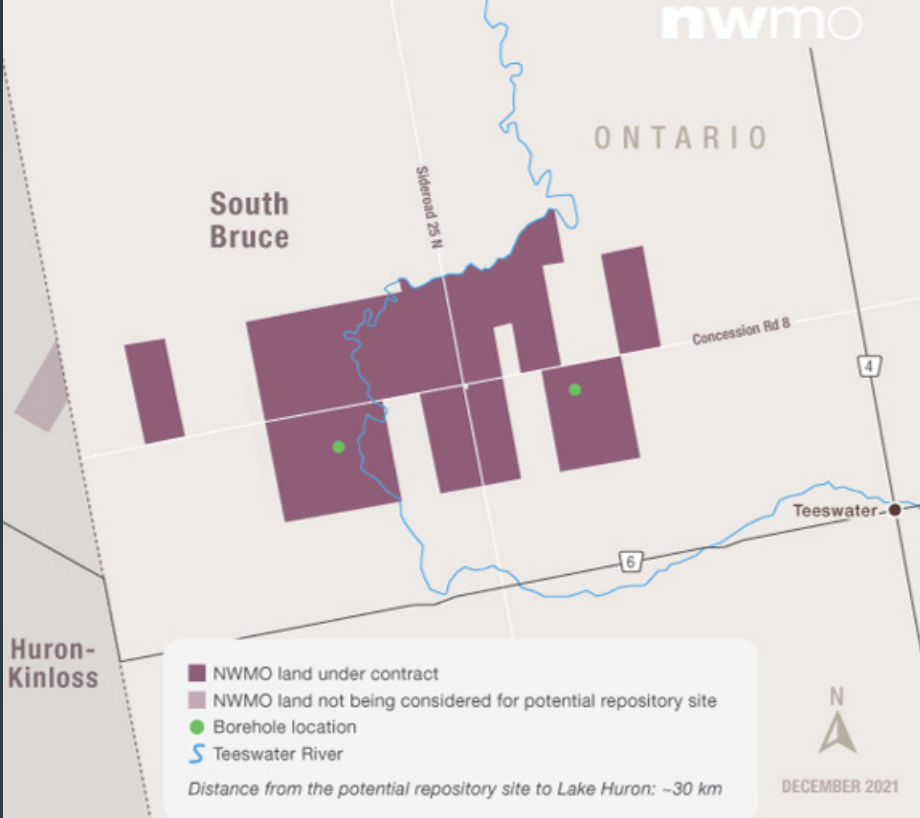
## Excavated Rock Management Area

The Excavated Rock Management Area (ERMA) will be located outside the security fenced area. Excavated rock will be transported to the ERMA during the Project's construction and operation phases.

Rock excavated from the DGR will be stored in lined cells and a portion of the rock may be used to produce different grades of aggregate for use in the Project. Once excavation and construction of the DGR is complete, the ERMA will be covered and planted with native plant species.



The NWMO has identified a potential site for the DGR and its surface facilities in South Bruce, located near Concession 8 and Sideroad 25 North outside of Teeswater. Final layout for the facilities will be completed after the final site is selected. (Image provided by NWMO)



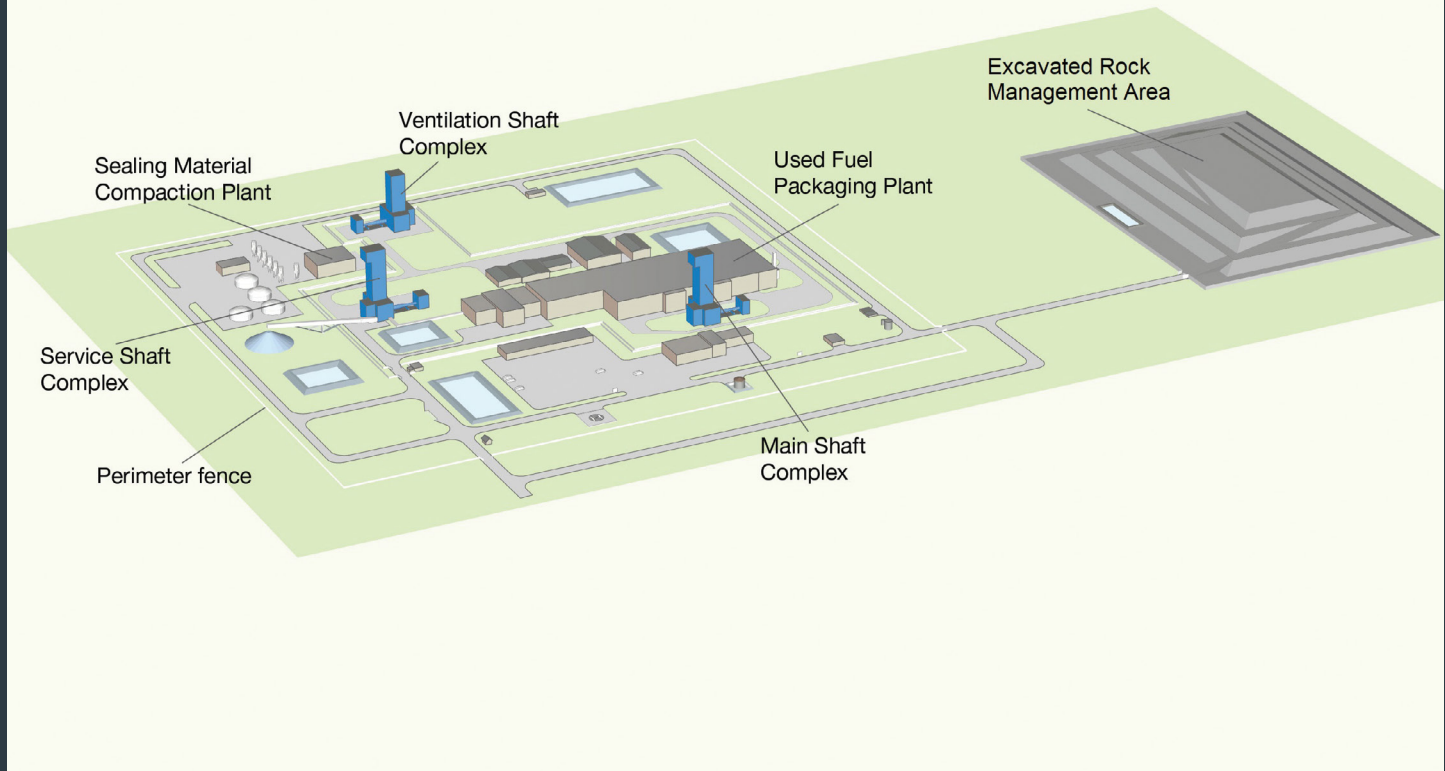
During the project's construction and operation phases, excavated rock will be transported to the Excavated Rock Management Area.

## Project Phases

The Project is scheduled to be executed in four phases:

Phase 1	Phase 2	Phase 3	Phase 4
2025 – 2035	2036 – 2042	2043 – 2092	2093 – 2162
Pre-construction planning/ design	Construction of DGR and surface facilities	Operations, including receiving and placing waste in the DGR and expansion of the underground facilities	Extended monitoring  2163 – 2192  Decommissioning

Diagram of the Project site's surface facilities. Not to scale. (Image provided by NWMO)



## What's Next?

The studies outlined in this document are part of an ongoing site assessment process to evaluate community and environmental safety. Further technical work will include additional site studies on the geosphere and biosphere, safety analysis and environmental reporting. If the South Bruce site is selected, the findings of these peer-reviewed studies will be presented to Canadian regulators as part of a federal Impact Assessment, followed by a series of licence applications.

The Project's safety assessment will be advanced as the engineering design for the site is developed and more information on the site and its existing environmental conditions becomes available. This process takes years before construction approval may be received.

If the South Bruce site is selected, the NWMO will use the preliminary conceptual layout to develop a site-specific design. This will include how the surface facilities are arranged within NWMO lands, which roads will be used to access the site, and where the ERMA will be located. An assessment of site servicing options will be completed for potable water supply, sanitary wastewater, electrical power, natural gas and high-speed internet.

After construction and operation, a period of continued monitoring will be in place to ensure the site continues to remain suitable for the storage of used nuclear fuel.

### **Impact Assessment:**

Conducted by the Impact Assessment Agency of Canada and the Canadian Nuclear Safety Commission (CNSC), the Project's integrated federal Impact Assessment would examine the Project's positive and negative environmental, economic, social and health impacts in support of sustainable development. The assessment would regulate the use of nuclear energy and materials to protect health, safety and the environment.

### **Project Licensing:**

The CNSC would inspect and evaluate how licencees ensure compliance with regulatory requirements, perform field inspections in licensed facilities, review licencee self-reporting and follow up to ensure that corrective actions are implemented, if required.

*Typical landscape at the South Bruce site in southern Ontario. (Image provided by NWMO)*



# Building Confidence in Safety

The fundamental safety objective of the Project is to protect humans and the environment from the effects of radioactive or hazardous substances present in the used fuel. The used fuel's radioactivity is initially hazardous, but naturally decreases over time. The DGR, including its engineered and natural barriers, provides long-term containment and isolation while this natural radioactivity decay occurs.

Within the Guiding Principles' Safety and Natural Environment theme, Principles #1, #2 and #3 respectively call for the NWMO to demonstrate that:

- The Project will be subject to the highest standards of safety across its lifespan of construction, operation and into the distant future.
- Sufficient measures will be in place to ensure the natural environment will be protected, including the community's precious waters, land and air.
- The used nuclear fuel can be safely and securely transported to the repository site.

The NWMO's ongoing, evidence-based approach to build confidence in safety for members of the community and the natural environment is continuously evaluated within the context of three main components:

- The site's existing, natural geological characteristics found beneath the ground's surface (or the area's "geosphere").
- The natural and engineered barriers to mitigate the release of radioactive or hazardous materials.
- The expected levels of radiation to people and the environment.

The NWMO has prepared multiple third-party studies, which were peer-reviewed, beginning in 2021. The results of these studies, which assess community safety and describe the natural environment, are used to build confidence in safety for the Project. In building this confidence a portion of these studies involved collecting data and describing the natural environment. If the Project is located in South Bruce, this work will continue through to the Project licensing and design phase.

## About the NWMO's Natural Environment Study Program

The initial environmental characterization reports prepared within the NWMO's Natural Environment Study Program are foundational studies that cover a large geographic area. They are being used to direct more specific natural environment studies for future years and to inform how the Project is sited and designed. Findings will be continuously updated as more information becomes available through additional work conducted.

By identifying species of plants and animals in the area, as well as the water quality found in local rivers and streams, the NWMO will be able to assess what impacts the Project may have and develop appropriate mitigation measures (also known as the Project's "change assessment").

### Key Terms Used to Describe the Natural Environment

**Geosphere:** The soil, groundwater, rocks and minerals that make up the earth within and around the Project's site.

**Biosphere:** The global ecosystem made up of living organisms and non-living factors that provide these organisms with energy and nutrients.

**Environmental Media:** The biophysical environment (air, land and water) above the ground's surface.

**Biodiversity:** The plant and animal species and the environments they need to survive, including vegetation and soils; fish; birds, wildlife and their habitats; species at risk; and riverbanks and wetland environments.

To date, numerous geosphere and biosphere reports have been prepared by the NWMO and its consultants. In addition to reviewing reports, the PRT has reviewed workplans and observed field investigations to ensure the Project is consistent with the Guiding Principles.

These independently peer-reviewed NWMO reports include:

1. **Geosphere Studies** – Studies which characterize and assess the ability of the site’s geologic setting to safely contain and isolate the used nuclear fuel. This includes the depth of the host rock formation, its volume and expanse, the chemistry, structure and physical properties of the host rock’s minerals, the composition of groundwater, and the ability of the host rock to withstand natural stresses. The studies answer the question, “How does the DGR’s surrounding earth, bedrock, minerals and strategic geologic location help make the Project stable and safe during its lifespan and beyond?”
2. **Environmental Media Baseline Report** – Summarizes studies that describe the baseline environmental conditions by exploring the physical and chemical properties of the area. It answers the question, “What’s in the air, soil, water and food?” The Environmental Media Baseline describes the air (air quality, noise and light), land (ground composition and surface soil) and water (surface water and drinking water quality).
3. **Biodiversity Baseline Report** – Summarizes studies that characterize the baseline biodiversity conditions by exploring the types of species existing in the area. It answers the question, “What are the area’s habitats and ecosystems made up of?”

Each of the following sections summarize the NWMO’s updated safety assessment and the work undertaken to date to characterize the natural environment. They also include peer review findings of the NWMO’s work.

## Confidence in Safety Report

The NWMO’s current *Confidence in Safety Report – South Bruce Site (2024)* evaluates the site characteristics that contribute to Project safety and the suitability of the area for the DGR’s development, with results summarized as of mid-2023.

The safety assessment considers, among other things, information developed through the geologic characterization and environmental baseline programs (geosphere and biosphere). It also evaluates potential radiological and non-radiological effects on humans and the environment.

Overall, based on the initial geosphere characterization work and the DGR’s preliminary conceptual design developed, the NWMO is confident that the DGR can be constructed at the South Bruce site in a manner that would provide safe long-term management of Canada’s used nuclear fuel. This is based on:

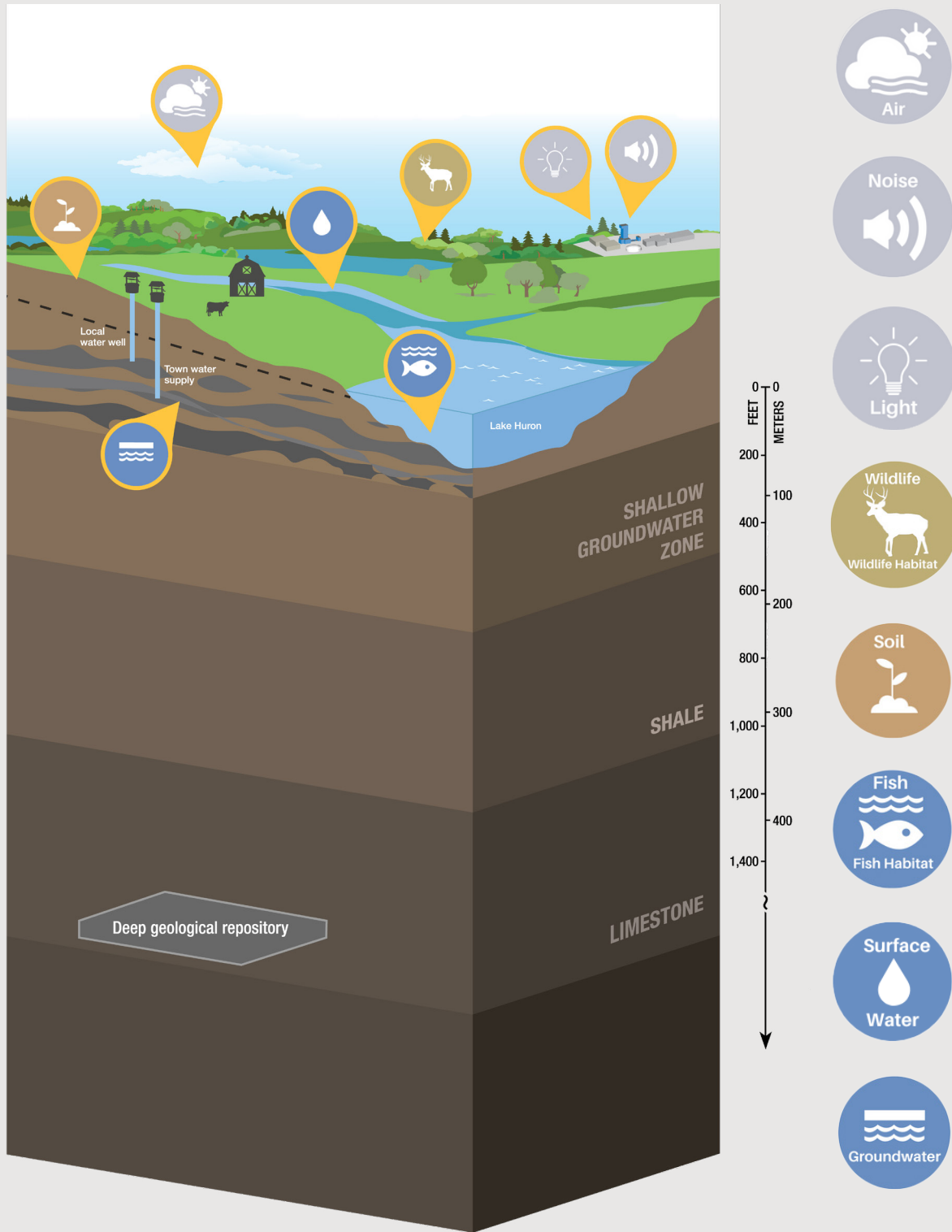
- The favourable characteristics and stability of the site’s underground rock composition.
- The low risk of future human intervention or intrusion within the DGR.
- The predictable nature, uniform thickness, and suitable groundwater characteristics of the bedrock.
- The robust nature of the multi-barrier system used to hold the fuel.
- The ability to safely construct and operate the DGR.
- The ability to safely transport used fuel to the site.
- The ability of the facility to meet regulatory criteria for safety and environmental protection.

In addition to the geosphere and biosphere characterizations, the NWMO’s assessment also considered the space needed above ground for the Project’s infrastructure, transportation system capabilities and risks, emergency response, natural and engineered barrier durability, expected radiation exposure levels, and monitoring. These components are discussed further in the following sections.

The NWMO anticipates that the site will meet the regulatory requirements for safety and environmental protection that is consistent with Canadian regulations and international guidance for licensing. Baseline monitoring has already started, and the site will be monitored for decades during site characterization, preparation, construction and operation before a decision is made to close the repository.

## Characterization of the Geosphere to Support Confidence in Safety

The multi-year geosphere studies and associated technical documents produced by the NWMO, and reviewed by the PRT, provides the community with a description of the scope of work that has been undertaken. It contributes to developing an understanding of the Project site’s setting, including the earth’s physical structure and substance (geology) and the water underneath the earth’s surface (hydrogeology). The work is being carried out to characterize and assess the ability of the DGR’s setting to safely contain and isolate the used nuclear fuel.



Types of Environmental Media around the proposed DGR. Conceptual model not to scale. (Image provided by NWMO)

The NWMO has identified the following factors required for the assessment:

- The depth of the host rock formation.
- The volume and expanse of the host rock at the depth of the repository.
- The chemistry, structure and physical properties of the host rock's minerals (mineralogy).
- The characteristics of the groundwater that exists within the host rock and the groundwater's composition at the depth of the repository.
- The host rock's ability to withstand natural stresses.

The NWMO has determined that the geologic setting of the South Bruce site is fundamentally favourable due to:

- The presence of a 400-metre thick succession of sedimentary rocks, including the approximately 40-metre thick Cobourg Formation at a depth of 650 metres. This is bound by more than 200 metres of shale above and 150 metres of limestone below, indicating a natural barrier system that has the appropriate depth, breadth and volume to isolate the DGR from surface disturbances.
- No active geological faults or unfavourable characteristics, indicating long-term stability.
- No presence of Cambrian sandstone that water can easily travel through and very low expected groundwater flow at the DGR's depth, indicating long-term containment and isolation capability.
- No evidence of glacial or recent water that has infiltrated the bedrock of the natural barrier system.
- The capability of the Cobourg Formation to remove the heat generated by the radioactive decay of the used fuel, and to withstand the natural and thermal stresses caused by the DGR.

The NWMO has determined that the stability of the area's geologic setting is fundamentally favourable due to:

- The age of the Cobourg Formation and the rocks above and below it (aged 444 to 460 million years).
- The stable, seismically quiet setting of the Canadian Shield, which is far from tectonic plate boundaries that are prone to earthquakes and volcanic activity.
- No evidence that the location is susceptible to extreme rates of erosion, uplift, or gradual caving or sinking that would significantly disturb the geosphere over the next million years.

- The Cobourg Formation's history and borehole sampling results that demonstrate its isolation from the normal pressures of the near-surface environment for millions of years.
- Modelling that estimates the DGR's containment and isolation will be maintained at its proposed depth both during and after future glacial events, such as an ice age.

The results of this work, along with monitoring and testing, provide the basis for the NWMO to conclude that:

- The depth of the host rock is sufficient for isolating the repository from human and natural surface disturbances.
- The volume of available competent rock should be sufficient to host the repository.
- The rock mineralogy and groundwater chemistry should not adversely impact the used nuclear fuel's multiple barrier system and are favourable to minimizing radiation movement.

The NWMO has determined that more site characterization is needed should the South Bruce site be selected as the final location for the Project. Ongoing studies are being carried out to advance the site characterization, understand environmental baseline conditions, and assess engineering, design and safety. This work is aimed to address the current geologic data gaps and uncertainties that have been identified thus far.

### Peer Review Findings

The PRT found that the geosphere studies completed to date provides useful information that supports the future conceptual design and modelling of the DGR, and supports the NWMO's conclusion that the DGR could be constructed at the South Bruce site with natural barriers in place.

The PRT determined that the information acquired through these current studies will help the Municipality of South Bruce build confidence in safety and make an informed decision about whether the Project is suitable for their community, if they are willing to host it, and under what circumstances and terms.

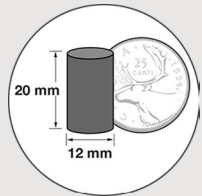
The PRT also determined that the geosphere studies demonstrates progress toward addressing Guiding Principle #2 (sufficient measures will be in place to ensure the natural environment will be protected).

The PRT has identified important data gaps, such as how the individual results from each area of study (geosphere, environmental media and biodiversity) may integrate with each other. This holistic understanding of all program areas is important in providing a complete, contextual view of how the community and natural environment will be protected should the Project be implemented at the South Bruce site. As this is a multi-year program, peer review of the geosphere-based studies will continue in 2024 as the NWMO's work is carried out and reporting is made available.

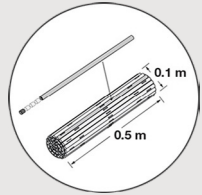
## Fuel Bundles' Multi-barrier System

In addition to the natural barrier system provided by the geosphere, the DGR will include a multi-barrier system to ensure the used fuel is protected. Each barrier will act as part of a system, while also providing its own unique and standalone level of protection.

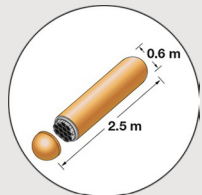
Five barriers are proposed to protect the fuel:



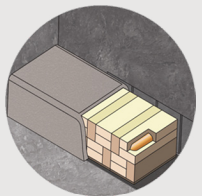
**Barrier One:** A **nuclear fuel pellet**, roughly the size of a quarter, holds the fuel in ceramic material which does not dissolve in water. The pellet is resistant to wear and high temperatures and is baked in a furnace when created to produce its high density.



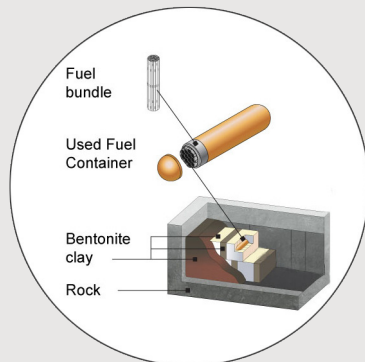
**Barrier Two:** The pellet is then contained and isolated within a **fuel element and fuel bundle**, made up of a corrosion-resistant alloy (combination of metals) called Zircaloy.



**Barrier Three:** The fuel bundle is placed in a **used nuclear fuel container** that is coated with copper to prevent corrosion. The copper coating prevents any water near the container from reaching the fuel.

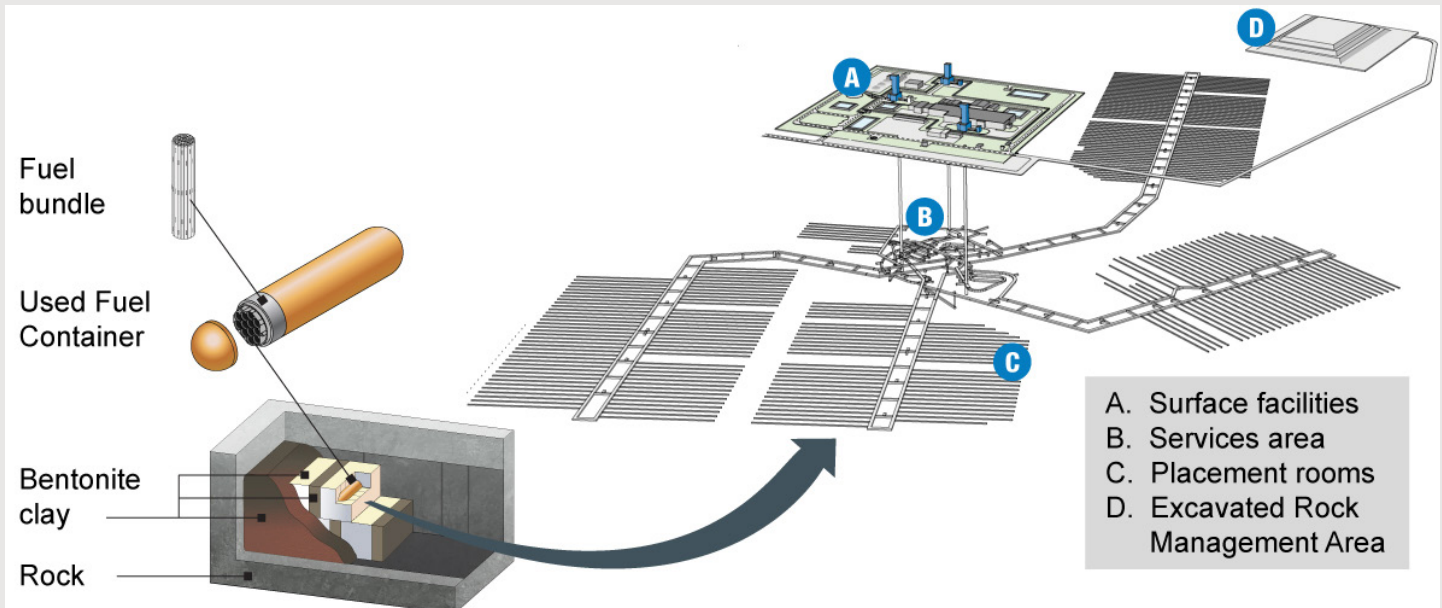


**Barrier Four:** The container is encased in **bentonite clay**, a natural material that is a powerful barrier to water flow. The clay swells and seals when exposed to water and helps isolate any radioactive materials in the unlikely event they were to escape from the container.



**Barrier Five:** The **geosphere** (natural barrier of rock and minerals in the earth) protects the repository from disruptive natural events, water flow and human intrusion. It will safely contain and isolate the used nuclear fuel.





A three-dimensional look at how the used nuclear fuel bundles will be encased within the multi-barrier system. The bundles will be located deep underground in placement rooms beneath the DGR's surface facilities, alongside an underground services area. (Image provided by NWMO)

## Potential Radiological Exposure - Preliminary Radiological Safety Study

The NWMO's *Preliminary Radiological Safety Study* (August 2023) provides information on the Project's potential radiological effects on the safety of current and future South Bruce residents and those close to the site. It also provides a description of the facility's safety features, including mitigation and follow-up measures, if needed.

Based on the assessment to date, the NWMO is confident that the DGR could be constructed at the South Bruce site in a manner that would protect people and the environment and provide safe long-term management of Canada's used nuclear fuel. The NWMO is continuing to enhance their understanding, and therefore confidence, to support site selection and the regulatory decision.

The NWMO states that Canada has a history of safe performance at its nuclear stations where used nuclear fuel is currently stored and that dose rates and emissions from the waste management areas have consistently remained below regulatory limits.

### Radiation Mitigation and Safety Measures During Operation

During the Project's operation phase, estimated to begin in 2043, used nuclear fuel will be present on site. All above-ground activities, involving the handling of radioactive material, will take place within the Used Fuel Packaging

**Radiation** is energy in the form of moving waves or streams of particles. Ionizing radiation has enough energy to create ions, which can be harmful to humans. This type of radiation is found in cosmic rays, gamma rays and x-rays.

**Radioactivity** is what happens when atoms spontaneously and randomly disintegrate. This is usually accompanied by the emission of radiation.

Plant. Within the plant, operators will abide by many safety measures throughout the receiving and storing processes. After receiving fuel at the site, workers will repackage, seal and inspect the fuel to safely store it away. Plant operators will then transfer the fuel into the site's underground facility and store it in the repository. The repository's rooms will be sealed once full.

Potential radiation sources include direct radiation from the fuel bundles, as well as small amounts of gas or particulates that may be released from fuel during handling.

During operation, the Project will feature a variety of mitigation and safety measures:

- The fuel handling areas will be constructed with thick, concrete walls.
- The fuel containers will be sealed and handled using automated fuel handling systems.

- The site will use air ventilation systems, which will be regularly filtered and monitored.
- The site access will be controlled with an emergency preparedness plan, as well as health, safety and radiation protection programs.
- The plant will employ dry decontamination and cleanup methods, a water treatment system, controls on emissions, a shutdown capability, and regular maintenance.

The site will also feature monitoring and inspection procedures, including the use of internal monitoring systems, programs and equipment, as well as independent third-party monitoring, initial and ongoing safety assessments, and regulatory reviews and inspections.

### Post-closure Phase and Safety Measures

The Project's operation phase will continue from 2043 to 2092. In 2093 (specific date to be confirmed), the Project will enter its extended monitoring phase and in 2163 (specific date to be confirmed), the Project will enter its decommissioning and closure phase.

Following decommissioning and closure, the post-closure phase will begin. Its start date is yet to be determined. This phase of monitoring will last as long as needed to verify that the repository is operating safely. The repository will be designed in such a way that there will be no need for human intervention and maintenance.

During the Project's post-closure phase, safety measures will stay in place, such as radiation monitoring and on-site land use controls. Through the composition of the site and the engineered make-up of the facility, additional safety measures will be inherent to the Project's design. These safety characteristics include the depth of the repository and its isolation from the surface, as well as the multi-barrier design within which the used nuclear fuel is stored.

The geology of the site (rock stability and favourable underground conditions), sealed tunnels, boreholes and shaft (sealed at closure), and the decreasing radioactivity of the used fuel will all contribute to post-closure safety.

### Peer Review Findings

The PRT agreed that the *Preliminary Radiological Safety Study* provides the community with a good description of the basics of potential radiological impacts of the Project and appropriately describes the multiple natural and engineered barriers that will be in place to mitigate exposure to unacceptable levels of radiation.

The PRT determined that the current conceptual design indicates that the radiological risk to the community is

low, and that doses to the public will remain well below regulatory dose limits. An additional study will be needed once the site-specific conceptual design is complete to describe the mitigation and/or follow-up measures to be taken if an increase in risk is identified during any phase of the Project. As well, additional studies, scheduled during Project licensing, will be needed to assess the capabilities and capacity of the Municipality to respond to potential radiation-related injuries and emergencies.

### Deep Geological Repository Conceptual Design Report

The NWMO's *Deep Geological Repository Conceptual Design Report* (2021) describes conceptual designs prepared for a DGR facility in either a crystalline or sedimentary rock setting. It is assumed that the facility will receive 5.5 million used CANDU (Canada Deuterium Uranium) fuel bundles over a 46-year period.

The report describes the required facilities and infrastructure needed to safely receive, package and place the used nuclear fuel in the underground repository. At the end of emplacement and after extended monitoring, the DGR will be decommissioned and closed. All underground rooms, tunnels and the three shafts will be permanently sealed.

The report further describes how worker safety will be addressed under the site's conceptual design. Through the radiation protection systems and programs inherent in the site and through emplacement procedures, workers won't ever be in contact, or in the same space, as radioactive materials.

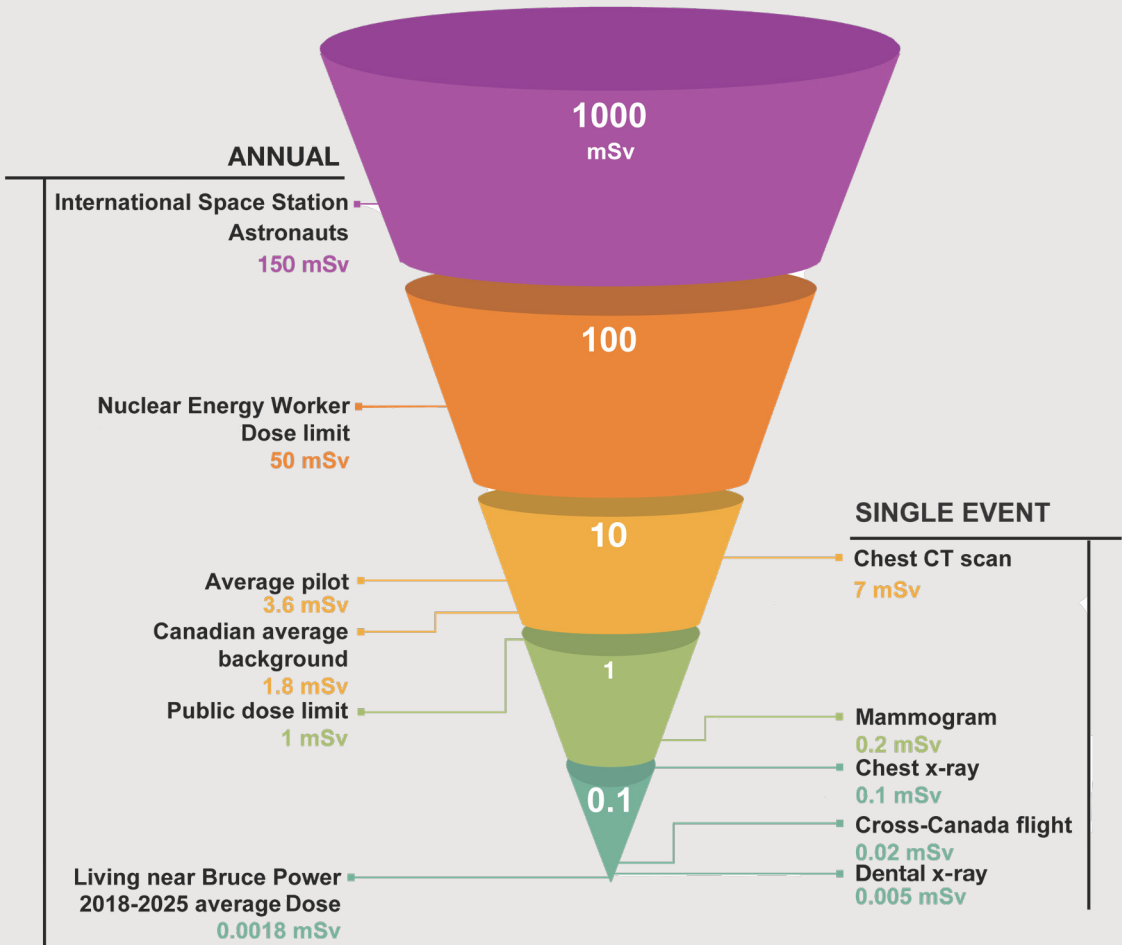
### Preliminary Radon Assessment for a Used Fuel DGR Report

The NWMO's *Preliminary Radon Assessment for a Used Fuel DGR Report* (December 2020) provides an initial assessment of the naturally occurring risk of radon during construction and operation of the Project. Excavation of rock can expose workers to naturally occurring radon and this risk is unrelated to, and not affected by, the handling of used nuclear fuel.

The assessment was carried out to determine whether there is a health hazard to workers and a need for radon monitoring or any action to comply with applicable regulations. The assessment concluded that there will be no significant radon hazard to the workers or public during construction and operation of the DGR. The maximum

# Common Radiological Doses (mSv)

Levels of common radiological doses and limits (in mSv) found in standard activities or situations. (Image provided by NWMO)



estimated concentrations near the public, assumed to be at a distance of 100 metres from the release point, are expected to be at least 100 times smaller than the average outdoor radon concentration in Ontario.

This means that with a maximum expected radiation dose of approximately 0.02 millisievert (mSv) per year, at a point 100 metres from the site, the radiation level is significantly lower than the dosage threshold which would begin to lead to observable health effects or to an increase in the likelihood of cancer. Researchers with Charles Sturt University's Medical Radiation Sciences program estimate that the risk of an increase in the likelihood of cancer increases five per cent at a dose of 100 mSv. Radiation sickness symptoms are observed at 1,000 mSv.

## Peer Review Findings

The PRT agreed that radon exposure to workers during construction and operation will be low. However, the PRT pointed out that radon doses must be determined and monitoring will be required due to regulatory requirements. If radon concentrations are higher than estimated, remediation action must be taken.

The PRT recommended that monitoring be done, at minimum, in all locations where workers may be exposed to some levels of radon, with particular attention paid to unventilated or low ventilated areas underground, as well as the ventilation shaft. The PRT also recommended that given the low cost and ease of radon monitoring, the NWMO should place facility boundary monitors to respond to community concerns.

## Emergency Services Study Report

The objective of the *Emergency Services Study Report* (October 2022) was to assess the effects of the Project on emergency services within the Municipality of South Bruce and County of Bruce during the Project's construction and operation phases.

The report concluded that upper- and local-tier municipal Emergency Response Plans will need to be updated to consider the Project's impacts. In addition, equipment, human resources and training will be required for these municipalities to handle Project-based emergencies for events potentially involving radioactivity.

Within the region there are useful examples of Emergency Response Plans for a large, above-ground nuclear facility (Bruce Power) and a large underground mine facility (Goderich Salt Mine). Bruce Power has

developed memorandums of understanding with many municipal emergency response organizations and health organizations, which would serve as a good model for the NWMO.

The report states there is sufficient information for the NWMO to develop, update and/or implement Emergency Response Plans and sign memorandums of understanding with neighbouring communities before construction.

### Peer Review Findings

The PRT agreed with the report's conclusions and stated that there is insufficient information at this stage to determine the Project's effects on the local emergency service requirements. Further studies, scheduled during the federal Impact Assessment and licensing, will be needed to determine the necessary emergency response provisions for the Municipality of South Bruce and County of Bruce.



*The Emergency Services Report concluded that municipal Emergency Response Plans will need to be updated to consider the Project's impacts. (Image provided by Municipality of South Bruce)*

# Understanding and Describing the Natural Environment

The Municipality's Guiding Principles call for the NWMO to demonstrate that the natural environment will be protected, including the community's precious waters, land and air throughout the Project's construction and operation, and into the distant future. The NWMO must also minimize the footprint of the repository's surface facilities as much as possible and ensure public access to the Teeswater River is maintained (Guiding Principle #6).

To understand and describe the natural environment before implementation of the Project, the NWMO developed three programs: Geosphere Studies, Environmental Media Baseline Program and Biodiversity Impact Studies.

These programs all work to describe (or "characterize") the natural environment, with the resulting data used in the NWMO's analysis in its safety assessment. This data contributes to helping the NWMO generate a baseline understanding of the existing environmental conditions and helps its researchers build confidence in safety for the community and for the natural environment during the Project's lifecycle.

The independent PRT developed three corresponding reports that evaluated the NWMO's work performed as part of these programs to the end of 2023:

- *2023 Technical Peer Review Summary Report: Geoscience Study Work*
- *2023 Technical Peer Review Summary Report: Biosphere – Environmental Media Baseline Program*
- *2023 Technical Peer Review Summary Report: Biosphere – Biodiversity Impact Studies*

These reports are available to view online at [www.southbruce.ca/Studies](http://www.southbruce.ca/Studies).

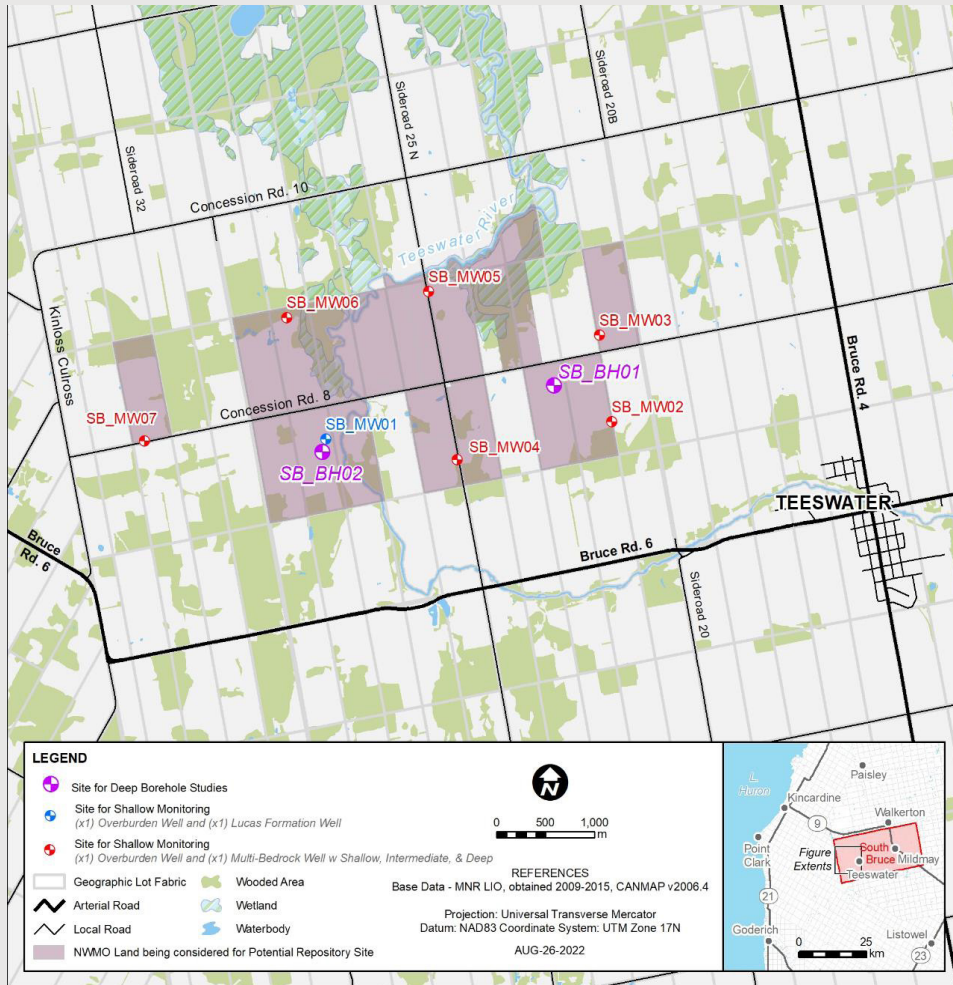
## Geosphere Studies

The NWMO has investigated the critical factors contributing to the safe long-term geological containment and isolation of the used nuclear fuel at the South Bruce site, as well as its stability. Geologic investigations carried out by the NWMO to date include the following work:

- Drilling two deep boreholes to depths of over 800 metres.
- Installing a deep, long-term monitoring system.
- Installing a network of shallow groundwater monitoring wells.
- Installing a network of micro-seismic stations and conducting seismic monitoring.
- Completing a 3D seismic survey.
- Hydraulic testing of lower sections of the bedrock.
- Determining the chemistry, structure and physical properties of the rock's minerals and groundwater.
- Assessing the potential presence for petroleum resources within the regional area.
- Carrying out initial noise, vibration, and dust baseline monitoring.

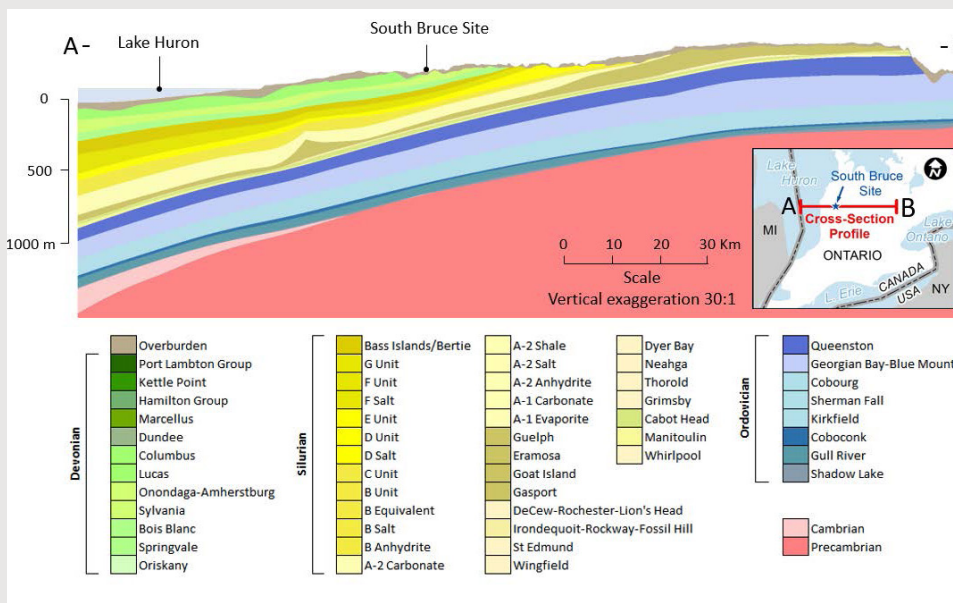
Boreholes 1 and 2 and the corresponding deep bedrock geologic and hydrogeologic testing locations are shown on the next page. The location of the shallow monitoring wells are also identified and are used for investigating and understanding surface soil, saturated soil, shallow bedrock and shallow groundwater conditions.

The study of the area's rock layers and layering (or "geologic stratigraphy"), as illustrated by the NWMO, is also provided.



Location of the South Bruce potential repository site, including NWMO-owned or leased lands shaded in purple, the locations of the deep boreholes, and shallow groundwater monitoring wells. (Image provided by NWMO)

Two boreholes were drilled to depths of over 800 metres and six monitoring wells were installed around the site's rock and soil (or overburden). Researchers carried out monitoring for seismic activity and initial noise, vibration and dust baseline measurements.



Vertical cross-section of the Michigan Basin in southern Ontario, showing the basin's main rock formation layers. (Image provided by NWMO)

At the South Bruce site's depth of 650 metres, the repository would be installed within the Cobourg Formation, surrounded by underground rock composition that has favourable characteristics and stability for hosting the used nuclear fuel.

## Peer Review Findings

Peer reviews conducted to date have included the review of work plans, observations of field work, and a review of reports made available. In 2023, the PRT completed a review of 20 geosphere study reports.

The PRT found that the NWMO's geosphere-based studies are understandable and provide information to enhance the development of a conceptual site model. The team concluded that the technical testing and reporting gaps found in the reports developed in 2022 and 2023 should be addressed as the geosphere studies continue and additional technical reporting becomes available.

The PRT emphasized that it is important to understand the area's earth composition and groundwater, as well as the ability or inability for groundwater to move between the potable groundwater zone and the deep formations surrounding the DGR. This information will form a key component of the overall conceptual site model currently being developed. It will need to be identified and explored further by the NWMO, integrated with the results of the Environmental Media and Biodiversity Programs.

The PRT determined that the current geosphere work and associated reporting demonstrates progress toward addressing Guiding Principle #2 (sufficient measures will be in place to ensure the natural environment will be protected throughout the Project's lifespan). The PRT will continue in 2024 to review Project change assessment work.

## Environmental Media Baseline Program

The purpose of the Environmental Media Baseline Program is to describe (or "characterize") the biophysical environment. It is focused on environmental components that have the potential to be impacted by the Project. The data collected as part of the program would support the development of a conceptual site model which would provide a more comprehensive understanding of the area's earth and groundwater, any groundwater to surface water interactions, and how the conceptual model can be further refined to account for shallow groundwater, underground soil and bedrock components.

The specific objectives of the program are to:

- Collect important statistical data that is relevant to stakeholders and rights-holders, maximizing the use of local and Indigenous knowledge.

- Collect data that will provide adequate information for future modelling and the preparation of a federal Impact Assessment.
- Maximize opportunities for community involvement in sampling, if desired.
- Provide an understanding of potential cumulative effects.

The Environmental Media Baseline Program was designed as a three-year program with field data collection starting in September 2021. It focuses on natural environment components that have the potential to be impacted by the Project, including the earth's soil and bedrock, area surface water, groundwater, drinking water, air, noise and light.

The first year's results, which included data collection of surface water quality, hydrology and drinking water quality, showed that some of the water quality parameters tested were found to be at levels outside of regular standards before potential development of the Project. Additional information collected during the second and third years of the program will be highlighted in future reports and will include components that were not part of the first year's studies.

The full extent of cumulative impacts has not yet been explored, but the NWMO has provided a high-level understanding of how the Project may affect the environment and identifies potential mitigation measures to manage those changes, such as:

- Minimizing water crossings and avoiding streams, wetlands, and sensitive habitats where possible.
- Using sewage treatment systems to reduce the release of contaminants and monitoring treated sewage.
- Installing appropriate erosion and sediment control measures.
- Placing the ERMA in a location that minimizes the potential for impacts to the Teeswater River and other streams and wetlands.
- Performing leach testing to understand the potential release of metals, minerals or salts from the exposed rock, and determining if a liner system is required.
- Managing precipitation that flows from the ERMA's rock and directing it to a stormwater retention pond if it does not meet appropriate guidelines before discharging to a waterbody.
- Implementing dust control measures.



Aquatic habitat mapping in the Teeswater River. (Image provided by NWMO)

## Peer Review Findings

The PRT concluded that the Environmental Media Baseline Program and its reports provide the community with a good description of the scope of work being undertaken to understand and characterize the environmental baseline conditions prior to the development of the Project. The PRT requested consistency in the level of detail provided in the work plans and reports prepared by NWMO. The PRT also suggested that additional detail be provided to gain a better understanding of how the baseline biophysical environment information will be integrated with the results of the Biodiversity and Geosphere programs to prepare an overall conceptual site model for the DGR site setting.

The PRT will continue to work with the NWMO to review work plans and field observations for air quality, noise, light and ground sampling as they become available in 2024. The PRT stated that the data collected demonstrates progress in addressing Guiding Principle #2 (sufficient measures will be in place to ensure the natural environment will be protected).

## Biodiversity Impact Studies

Biodiversity refers to the variety of life on Earth and includes all living organisms and their interactions with each other and the environment. Biodiversity is important for maintaining the ecosystem and for human and spiritual well-being.

The NWMO's Biodiversity Impact Studies (BIS) program is a study of:

- The ecosystem's components.
- The inherent benefits that the ecosystem brings to humans and the environment (known as "biodiversity values"). The benefits include provisioning services (e.g., fuel wood, fish used as food, plants used for medicine), cultural services (e.g., ceremony, traditional land use, recreation), regulating services (e.g., flood control, pollination, air purification), and supporting services (e.g., functional habitat that supports other services and species, nutrient cycling).
- How these biodiversity values inform Project planning and the development of mitigation strategies to reduce any potential negative impacts from the Project.
- Highlighting Project areas that can contribute to biodiversity.

The BIS program considers the biodiversity values that are relevant, important, and potentially impacted by the Project. This is done to predict the significance of any Project-related impacts and determine the optimal mitigation measures required if the site is selected.

The NWMO developed the following goals and objectives for its *2023 BIS Baseline Report*:

- Present preliminary baseline information on habitats and areas of ecological importance to biodiversity values and key species of interest.
- Provide data around the composition and number of species to indicate areas that may host more or fewer species.
- Provide relevant maps and lists that can be used to further design future studies, support engagement around the program, and help inform infrastructure design and placement.

The program's collection of field data began in July 2022. The studies consist of various aspects of the natural environment and focus on the following components that have the potential to be impacted by the Project, including:



- Wetlands and riverbanks
- Lakes, ponds, streams and rivers
- Fish and fish habitats
- Land mammals and semi-aquatic mammals
- Amphibians and reptiles
- Insects, snails and slugs (land invertebrates)
- Birds, bats and wildlife
- Wildlife habitats
- Species at risk
- Vegetation

Based on the *2023 BIS Baseline Report*, the study area surveyed had a significant number of existing, human-caused disturbances, such as those from logging activity, agriculture and rural development. An exception is the Greenock Swamp Wetland Complex, which is classified as a provincially significant wetland. Researchers found habitats for birds and bat activity, as well as evidence of white-tailed deer markings, which demonstrates the area's potential use by various wildlife species. Nearly all forested areas contained ash trees with evidence of Emerald Ash Borer. Some beech bark disease was also noted.

Twenty-three significant habitat areas containing rare or large numbers of wildlife, species at risk or other species of conservation concern were found, along with 39 special concern and rare wildlife species. Nine were detected in the Project's area of interest (potential site location). Project activities may result in some interactions with wildlife and changes to the physical environment, which may result in the loss of some fish and wildlife habitat.

Reports categorized aquatic habitats into watercourses (streams and rivers), waterbodies (lakes and ponds), and wetlands (marshes and swamps). Researchers used DNA barcoding to identify the species present and found over 500 different species, including five species at risk and six invasive or potentially invasive species.

The data suggests that a diverse range of species use aquatic habitats and their surrounding areas. In addition, two important fish habitats were found in the study area, along with amphibian breeding habitats and movement corridors. The data collected will be used to inform future studies that build upon this foundational data and inform the NWMO as to which habitats are deemed important and which barriers or obstacles may be explored further.

## Peer Review Findings

The PRT determined that the NWMO's BIS program demonstrates progress in addressing Guiding Principle #2. The PRT will continue to work with the NWMO to review work plans and reports that will be updated in 2024 as more data is collected.

The PRT emphasized that impacts from contaminants within the area's environmental media will also be relevant to the Biodiversity Impact Studies via a potential decreased survival or reproduction rate of species. As such, the conceptual site model and the environmental media should be considered holistically when determining how the Project interacts with the area's biodiversity values and ecosystem resources.

In addition, the full extent of cumulative impacts has not yet been explored, but the NWMO's *Biodiversity Impact Studies – Southwestern Ontario Region: 2022 Change Assessment Memorandum* examines potential interactions between the Project and biodiversity values that could result in changes.

The memorandum outlines any known biodiversity sensitivities within and around the study area based on existing foundational data. For any negative interactions, mitigation measures will be proposed, such as:

- Following best management practices for protecting species of interest, important habitats, wetlands and riverbanks, and the ecosystem's function and benefits.
- Designing infrastructure and activities to avoid important habitats.
- Minimizing areas to be cleared or infilled to only the extents necessary.
- Minimizing the breaking up of habitats by restricting activities within the Project's footprint.
- Implementing prescribed setbacks to protect important habitats and adjacent lands.
- Measures to reduce light, noise, vibration and human interactions with key ecosystem values.
- Preventing the introduction and spread of invasive species.
- Avoiding activities that could impact species of concern and their habitats during sensitive periods, where possible.

## Program Review and Next Steps

As the geosphere, biodiversity and environmental baseline programs are multi-year initiatives, the PRT understands that additional data will be collected. Reports produced in 2024 will be reviewed by the PRT, as they become available, to assist South Bruce in understanding the relevant environmental media and biodiversity parameters.

The PRT will also review field observations related to these data collection activities, as well as the NWMO-provided *Program Review Report*. This review will assess the data collected to date and recommend any adjustments to the program design for implementation in 2025. The *Program Review Report* for the South Bruce site will be provided pending the willingness decision.

## Summary and Conclusions

These safety and natural environment-based studies aid the NWMO and the Municipality of South Bruce in understanding what conditions are present in the natural environment in and around the site, and how confidence in safety is being built.

Safety is multi-layered and complex. The NWMO's various safety and natural environment studies provide important information on how the community and the environment would be protected from the effects of radioactive or hazardous substances present in the DGR's used fuel, as well as from potential impacts during the Project's construction, operation and post-closure phases. Through built and natural barriers, such as the multi-barrier fuel protection system, the intrinsic characteristics of the site, its intentional design elements, the area's favourable geological characteristics, the DGR's deep positioning in the ground, and its activity monitoring, the NWMO's confidence in safety increases.

Additionally, the Project can take lessons learned from similar sized facilities, such as Bruce Power (above-ground) and the Goderich Salt Mine (below-ground), when developing Emergency Response Plans. There will be effects on emergency services and systems in South Bruce, leading to updates required for local municipalities' emergency plans, as well as updates for additional equipment, human resources and training for health authorities, that are required to manage potential Project-based emergencies for events potentially involving radioactivity.

Through their work, the NWMO is developing a clearer picture of the characteristics, features, and baseline conditions of the study area's natural environment and can start to develop a better understanding of how the Project may impact the environment. Should the South Bruce site be selected as the Project's location, future federal Impact Assessment work will use these and future study results to better define how the natural, built, and human environments may be affected.

The PRT found that the data collected to date by the NWMO provides progress in demonstrating confidence in safety around the Project for humans and the natural environment with applicable mitigation measures and best management practices implemented. As a result, the PRT is supportive of the Municipality continuing to work with the NWMO, recognizing that further scheduled studies, workplans and reports must still be completed and evaluated. The PRT recommends that the Municipality continue to evaluate satisfaction with respect to their Guiding Principles around Safety and the Natural Environment as future NWMO studies, scheduled during the federal Impact Assessment and Project licensing, are completed. A more detailed conceptual design model for the South Bruce site must also be developed and assessed to continue to build confidence in safety.

The integration of individual study findings and natural environment descriptions is an important next step. As natural environment studies continue into 2024, the PRT will continue to work closely with the NWMO to review the data, interpretation of that data, and study findings to ensure progress in addressing the Guiding Principles.

# Appendix

## Study / Program Authors and Peer Review

Study / Program Name	Proponent	Study / Program Authors	Peer Review
<b>Confidence in Safety - South Bruce Site</b>	NWMO	NWMO (based on work by several third-party consultants)	GHD Ltd.
<b>Preliminary Radiological Safety Study</b>	NWMO	Arcadis	GHD Ltd.
<b>Deep Geological Repository Conceptual Design Report</b>	NWMO	AECOM Canada Ltd.	N/A
<b>Preliminary Radon Assessment for a Used Fuel DGR Report</b>	NWMO	NWMO (based on work by several third-party consultants)	GHD Ltd.
<b>Emergency Services Study Report -Southwestern Ontario Community Study</b>	NWMO	DPRA Canada Inc., Independent Environmental Consultants (IEC)	GHD Ltd.
<b>Geosphere Studies Program and Associated Components</b>	NWMO	Geofirma Engineering Inc., Nanometrics, Cambium Consulting and Engineering, Geologic Survey of Canada, Tulloch Engineering Inc.	GHD Ltd.
<b>Environmental Media Baseline Program and Associated Components</b>	NWMO	Canada North Environmental Services, Geosyntec Consultants International, Inc., Independent Environmental Consultants (IEC), Zajdlik & Associates Inc., Saugeen Valley Conservation Authority, Natural Resource Solutions Inc. (NRSI), TULLOCH Environmental (a division of TULLOCH Engineering Inc.)	GHD Ltd.
<b>Biodiversity Impact Studies Baseline Program and Associated Components</b>	NWMO	Zoetica, Saugeen Valley Conservation Authority, North/South Consultants Inc., North-South Environmental Inc., Natural Resources Solutions Inc., Morrison Hershfield, SLR Consulting, Stantec, TULLOCH Environmental (a division of TULLOCH Engineering Inc.)	GHD Ltd.

Safety and natural environment studies are available online at [www.southbruce.ca/Studies](http://www.southbruce.ca/Studies).

## **Community participation is key to an informed decision, a message from the Municipality of South Bruce**

Community engagement and consultation on the Project has been ongoing.

In 2021, an independent consultant, GHD Ltd., gathered public feedback on how the community wanted to measure its willingness to be a host, and what it needed to know to make that decision. Based on this input, Council voted in December of that year, that willingness should be decided by public referendum. This was reaffirmed by the current Council in 2022.

Prior to this, community input helped develop 36 Guiding Principles that sum up the community's expectations for the Project and guide our engagement with the NWMO.

We encourage you to learn about and explore the Project with us, as we look at what it could mean for our community.

For more information, please contact:

**South Bruce Nuclear Exploration Team**

**Municipality of South Bruce**

P.O. Box 540, 21 Gordon Street E., Teeswater, ON N0G 2S0



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**Outstanding Action Items  
Open Session**

April 2

Meeting Date	Action Item	Action By	Current Status	Next Step
October 17, 2023	Tender for Site Plan Conformity Work	CAO	Tender documents received and being reviewed by staff.	Tender results will be presented to Council for award when available.
December 19, 2023	Delegation from AMDSB Trustee	CAO	Trustee scheduled to attend April 16th meeting of Council.	AMDSB Trustee Delegation to Council
January 9, 2024	Grant and Donation Policy Review	CAO	Policy under review by staff	Report to Council with recommended updates to Policy
January 9, 2024	2024 Budget	Treasurer	Final Budget presentation April 2nd	None.
February 6, 2024	Turnberry Conservation Area Memorial Gate Repairs	CAO	Staff procuring quotes and working with MVCA to determine best plan of action	Report to Council with quotes and proposed plan of action.



**CORPORATION OF THE MUNICIPALITY OF MORRIS-TURNBERRY**

**BY-LAW NO. 9-2024**

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Being a by-law to provide for drainage works in the Municipality of Morris-Turnberry in the County of Huron.

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**WHEREAS** the Council of the Municipality of Morris-Turnberry, in the County of Huron has procured a report under section 4 of the *Drainage Act, R.S.O. 1990* for the construction of a branch of the Grant Municipal Drain;

**AND WHEREAS** the report dated January 12<sup>th</sup>, 2024, has been authored by Headway Engineering, 23-500 Fairway Road South, Suite 308, Kitchener, Ontario, and said report is attached hereto and forms part of this by-law.

**AND WHEREAS** the estimated total cost of constructing the drainage works is \$ 427,000.00.

**AND WHEREAS** the Council of the Municipality of Morris-Turnberry is of the opinion that the drainage of the area is desirable;

**NOW THEREFORE**, the Council of the Corporation of the Municipality pursuant to the Drainage Act enacts as follows:

**1. Authorization**

The attached report is adopted. The drainage works are authorized and shall be completed as specified in the report.

**2. Borrowing**

The Corporation of the Municipality of Morris-Turnberry may borrow on the credit of the Corporation the amount of \$ 427,000.00 being the amount necessary for the construction of the Drainage Works.

This project will be debentured.

**3. Debentures**

The corporation may issue debentures for the amount borrowed less the total amount of:

- a. grants received under Section 85 of the Act;
- b. commuted payments made in respect of lands and roads assessed within the municipality;
- c. money paid under subsection 61 (3) of the Act; and
- d. money assessed in and payable by another municipality,

**4. Payment**

Such debenture(s) shall be made payable within three (3) years from the date of the debenture(s) and shall bear interest at a rate not higher than 2% more than the municipal lending rates as posted by Infrastructure Ontario on the date of sale of such debenture(s).

- a. All assessments of \$1,000.00 or less are payable in the first year in which the assessment is imposed.
- b. All assessments under \$10.00 shall be added to the municipal tax roll to be collected in the same manner and at the same time as other taxes collected.

**5. Citation**

This By-law comes into force on the final passing thereof and may be cited as the “Grant Municipal Drain Branch ‘B’ 2024 By-law.”

**Read a FIRST and SECOND time and PROVISIONALLY ADOPTED this 6<sup>th</sup> day of February 2024.**

\_\_\_\_\_  
Mayor, Jamie Heffer

\_\_\_\_\_  
Clerk, Trevor Hallam

**Read a THIRD time and FINALLY PASSED this 2<sup>nd</sup> day of April, 2024.**

\_\_\_\_\_  
Mayor, Jamie Heffer

\_\_\_\_\_  
Clerk, Trevor Hallam



**CORPORATION OF THE MUNICIPALITY OF MORRIS-  
TURNBERRY BY-LAW NO. 21-2024**

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Being a by-law to confirm the proceedings of the Council of the Corporation of the Municipality of Morris-Turnberry, for its meeting held on April 2, 2024.

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**WHEREAS** Section 9 of the *Municipal Act 2001, S.O. 2001, c. 25* provides that a municipality has the capacity, rights, powers and privileges of a natural person for the purpose of exercising its authority under this or any other Act;

**AND WHEREAS** Section 5 (3) of the *Municipal Act 2001, S.O. 2001, c. 25* provides that a municipal power, including a municipality's capacity, rights, powers and privileges under Section 9, shall be exercised by by-law unless the municipality is specifically authorized to do otherwise;

**AND WHEREAS** it is deemed expedient that the proceedings of the Council of the Corporation of the Municipality of Morris-Turnberry for the April 2<sup>nd</sup>, 2024, meeting be confirmed and adopted by By-law;

**NOW THEREFORE**, the Council of the Corporation of the Municipality of Morris-Turnberry enacts as follows:

1. The action of the Council of the Corporation of the Municipality of Morris-Turnberry at its meeting held the 2<sup>nd</sup> day of April 2024, in respect of each recommendation contained in the Minutes and each motion and resolution passed and other action taken by the Council of the Corporation of the Municipality of Morris-Turnberry at the meeting, is hereby adopted and confirmed as if all such proceedings were expressly embodied in this By-Law; and
2. The Mayor and proper officials of the Corporation of the Municipality of Morris-Turnberry hereby authorize and direct all things necessary to give effect to the action of the Council to the Corporation of the Municipality of Morris-Turnberry referred to in the preceding section thereof;
3. The Mayor and CAO/Clerk are authorized and directed to execute all documents necessary in that behalf and to affix thereto the Seal of the Corporation.

**Read a FIRST and SECOND time this 2<sup>nd</sup> day of April 2024**

**Read a THIRD time and FINALLY PASSED this 2<sup>nd</sup> day of April 2024**

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Mayor, Jamie Heffer

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Clerk, Trevor Hallam