

2026

# BUDGET REPORT

www.mapleton.ca/services/nmu





## Content

- O1 Company Profile
- 02 Welcome
- 03 Municipal Service Corporation (MSC)
- Operating Budget
- 05 Fees and Charges
- Ob External Funding Programs



# O1 Corporate Profile

#### IN THIS CHAPTER

- Company Overview
- Municipal Asset Partnership (MAP)
- Delivery Structure
- Board of Directors



#### Who we are

Northern Maple Utilities Inc. (NMU Inc) is a Government Business Enterprise (GBE) and a such is fully selfsustaining without support from the municipal tax base. The corporation is governed by an 8-member Board of Directors.

Township staff continue to support water and wastewater operations through a Personnel Services Agreement (PSA). Through this agreement, Township staff are contracted out to support financial planning, infrastructure planning, billing and collections, meter reading, etc.

The water and wastewater network continues to be operated and maintained under contract with the Ontario Clean Water Agency (OCWA).

Engineering and design services are provided by CIMA+ through a CCDC-31 agreement.

The major capital initiatives are overseen by Northern Maple Investment Limited Partnership (NMLIP).

Over 1,000 customers served



#### Infrastructure

- ~ 33.6km of combined water/wastewater
- ~ \$73.1 million replacement cost





Northern Maple Utilities Inc. (NMU Inc.) is a publicly owned Municipal Service Corporation (MSC) that is responsible for water and wastewater operations and infrastructure throughout the Township of Mapleton.

In early 2024, the Township partnered with Graham Capital, an expert in project financing and alternative delivery models. Graham identified an opportunity for Mapleton to establish an MSC to enable a long-term sustainable financing structure that preserves municipal borrowing capacity while advancing essential infrastructure projects.

Through the collaborative efforts of the Township, Graham Capital, CIMA+ and the Ontario Clean Water Agency (OCWA) Northern Maple Utilities Inc. was officially established as an MSC in the spring of 2025. This new entity is responsible for the ongoing operations, maintenance, asset renewal, and delivery of water and wastewater services to the Township of Mapleton

While infrastructure investments of more than \$40 million commenced in June 2025, the transition of all components of operations and maintenance, including but not limited to water/wastewater billing, will take place over late 2025 and early 2026.



# Municipal Asset Partnership (MAP) TM

Graham Capital has developed a unique partnership model that overcomes the drawbacks of traditional infrastructure financing solutions for water and wastewater projects, called the Municipal Asset Partnership (MAP).



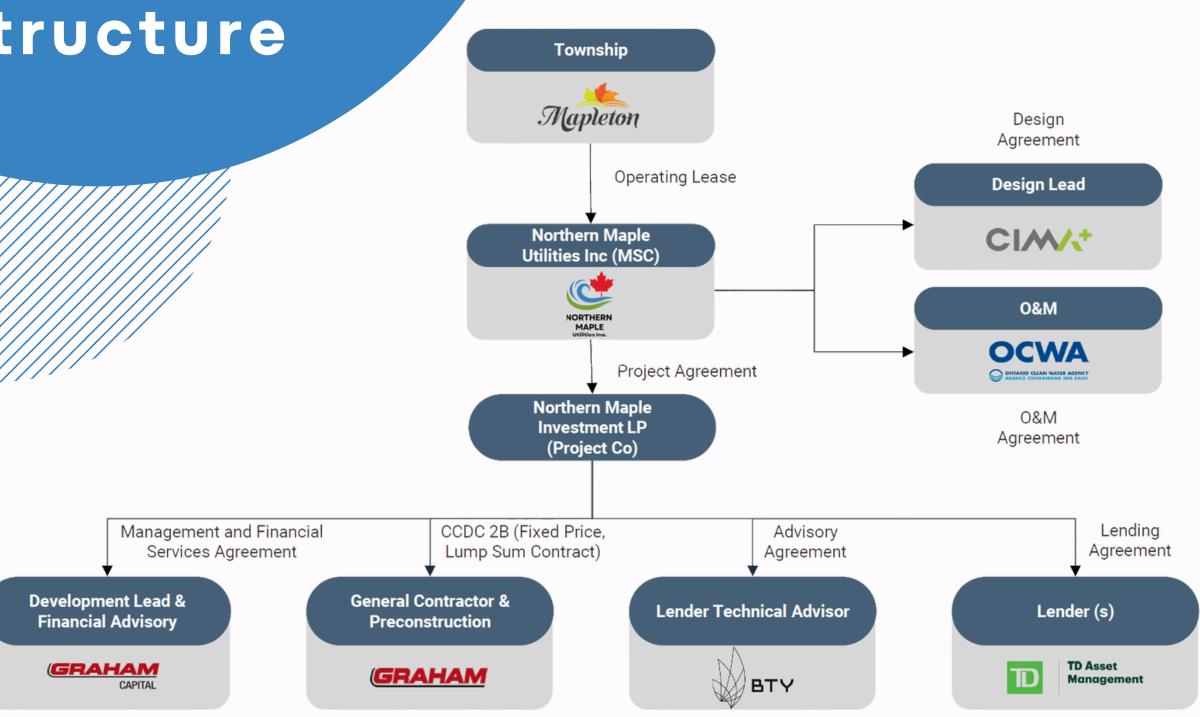








# Northern Maple Utilities Delivery Structure



#### Northern Maple Utilities (Mapleton)

Responsible for the day-to-day business associated with the MSC, grant funding contributor, and responsible for the joint governance of Project Co. with Graham Capital.

#### **CIMA+** (Lead Designer)

Engineer of record (EOR) responsible for the design and involvement in construction activities – meeting participation, on-site inspections and commissioning activities.

#### OCWA (O&M)

Responsible for all O&M of current and new infrastructure. Active contributor in collaborative team meetings and during commissioning of new infrastructure.

#### Graham Capital (Development Manager)

Responsible to represent "Project Co" acting as Mapleton's key point of contact for project, acting under Northern Maple Investment Ltd.

#### **Graham Construction** (Construction Contractor)

Responsible for leading construction, commissioning, and closeout activities.

# Northern Maple Utilities Inc. Board of Directors



Manny Baron President



Gregg Davidson
Chairperson
(Council)



Patrick Kelly Treasurer (Staff)



Jamie Morgan Board Member (Staff)



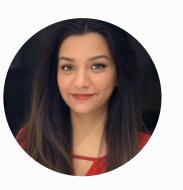
Lori Woodham Board Member (Council)



John Mohle Board Member (Community)



Paul Douglas
Board Member
(Community)



Reeba Arif Board Member (Graham)



### 02 Welcome

#### IN THIS CHAPTER

- Message from President
- Message from the Treasurer
- Message from the Chairperson



# Message from the President of NMU Inc.



It is truly a privilege to be part of this major milestone for our community — the successful establishment of Northern Mapleton Utilities Inc. as a municipal service corporation (MSC). This achievement has been nearly eight years in the making, and today we recognize the vision, dedication, and perseverance that brought us to this point.

Eight years ago, The Township of Mapleton council made a bold and forward-thinking decision to ask staff to prepare Mapleton for the future. Their willingness to take on a complex and ambitious project ensured that we could build a utility model rooted in efficiency, accountability, sustainability, and local control. To Council — past and present — thank you for your leadership and your commitment to future generations.

This success also reflects the hard work of our staff, specifically our Director of Public Works Jamie Morgan and our CFO, Patrick Kelly who helped turn this vision into reality. For years, they navigated regulations, managed complex technical and financial challenges, and kept the project moving through every stage. Thank you for your dedication, professionalism, and unwavering pursuit of excellence.

We are also grateful for the strong partnerships that supported this work. To CIMA+, thank you for your engineering expertise and guidance. To SV Law, thank you for ensuring our legal structure was sound and compliant. To Ontario Clean Water Agency (OCWA) for seamlessly transition to a partnership with NMU Inc. To Graham Construction and Graham Financial, thank you for your collaboration, insight, and support throughout both the construction and financial components of this journey.

I would also like to recognize and sincerely thank Paul Douglas and John Mohle, for agreeing to serve on the Board of Directors. Your willingness to contribute your time, expertise, and community perspective strengthens this corporation and helps ensure it reflects the values and priorities of Mapleton residents.

Together — Council, staff, partners, and our new directors — we have created something remarkable. Northern Mapleton Utilities Inc. marks not only the completion of a major project, but the beginning of a new chapter for Mapleton. This corporation is an investment in our future — one that will serve our residents, businesses, and community for decades to come.

Thank you all for your commitment, your belief in this vision, and your teamwork in bringing it to life.



Manny Baron President

# Message from the Treasurer



Patrick Kelly CPA, CMA

Treasurer

The opportunity to work alongside an incredible team in bringing the Township's vision of establishing a Municipal Service Corporation (MSC) to life was one of the deciding factors in my personal decision to join Mapleton Township back in the summer of 2024. Less than a year later, we successfully incorporated Northern Maple Utilities Inc. to operate, maintain and renew critical water and wastewater infrastructure, and already are witnessing some of the projected benefits.

As infrastructure ages, adequate funds must be committed for proper maintenance, repair and replacements. While Mapleton has historically place a high priority of effective asset management, Mapleton Council made a bold step in 2025 by approving the transition of all water and wastewater infrastructure to Northern Maple Utilities Inc. This leading edge approach to establishing a municipal service corporation (MSC) in a rural community has enabled the **largest infrastructure investment** in the history of Mapleton.

NMU Inc. is completely owned by the Township of Mapleton and fully-funded by water and wastewater system users. The MSC model has built a sustainable financial plan for the utilities, while also unlocking additional debt capacity for the Township to leverage towards tax-funded infrastructure investments.

In addition to helping establish this new entity for the Township, I was also honoured to participate alongside Mayor Davidson, Council and our CAO on delegations to senior government officials. These delegations consistently focused on the essential need for external funding supports as we work together to build critical infrastructure and unlock housing opportunities in rural Ontario. Coupled with many hours building high quality submissions to various infrastructure funding opportunities, Mapleton's consistent advocacy have proven to be extremely valuable. In total these efforts have resulted in just under \$16M in grant funding. These efforts won't stop, as we continue expressing the need for infrastructure funding to our senior government partners.

Combining the advantages derived from establishing an MSC with the grant funding supports from Provincial and Federal partners, the rate adjustment in 2026 was limited to just 3.57%. Original modelling predicted rate adjustments of 5.25%. This adjust will keep the annual impact to ratepayers below \$60 annually, while enabling critical project works to move forward in a timely manner.

NMU Inc.'s first Budget is a responsible financial plan for water and wastewater programs in 2026. A key element to our success has been the collaborative efforts of all parties involved, and the engaging discussions with members of the NMU Inc. Board of Directors. We look forward to a financially sustainable road ahead for water and wastewater in Mapleton.

# Message from the Chairperson



The creation of Northern Maple Utilities Inc. (NMU) represents a major step forward for the Township of Mapleton. This new organization was built on years of careful planning, community engagement, and a strong commitment to responsible decision making.

For many years, the Township of Mapleton faced the challenge of expanding our water and wastewater systems to meet the demand for community growth. Our two serviced urban areas could not meet the demand for new housing, expanded institutional facilities, and attracting industrial and commercial investment. These all depended on infrastructure that is reliable, financially sustainable and environmentally responsible.

Recognizing this, Mapleton Council and staff committed to a comprehensive forward-thinking approach of how to deliver these essential services. We examined traditional municipal approaches, Federal and Provincial funding opportunities, and potential partnerships to be successful. Our long-term approach was focused to ensure that Mapleton urban residents in Drayton and Moorefield would receive dependable services without placing a heavy burden on current or future ratepayers.

After careful analysis, Mapleton Council concluded that a partnership model offered the best balance of financial responsibility while having access to specialized expertise. Through this process, Northern Maple Utilities Inc., a Municipal Services Corporation (MSC), was established. NMU is a municipally owned corporation dedicated to overseeing the planning, construction, and long-term management of Mapleton's water and wastewater infrastructure. This model provides the structure needed to manage future system expansions while maintaining accountability to the community.

Establishing our MSC has not gone unnoticed. Many other communities and the Provincial government have been quite interested in our process and progress. Meetings with our MPP Matthew Rae, the Provincial Minister of Infrastructure Kinga Surma and Minister of Municipal Affairs and Housing Rob Flack, and their staff, have been very invigorating and supportive of our initiatives.

Recently, in August 2025 we were approved funding of approximately \$9.9 million from the province, which we are very grateful for.

As Chairperson, I am proud of the progress achieved to date and am confident that our path forward is well-planned out. The investments reflected in this year's budget will support our community's growth and economic well-being for many years to come as we build upon the foundation of a strong and prosperous Mapleton.



Gregg Davidson
Chairperson
Board of Directors



# O3 Municipal Service Corporation (MSC)





- What is an MSC?
- Legislative Framework
- What are the benefits of an MSC

# What is an MSC?



An MSC is a corporation whose shares and voting rights are owned by a municipality or by a municipality and one or more other public sector entities.

MSCs can only operate within the geographic boundaries of a municipality with the permission of the municipality in question.



The MSC is governed by a Board of Directors appointed by the Township, consisting of members including elected officials, key Township staff, a private-sector representative and independent community members

The establishment of an MSC falls under the provisions of the Municipal Act, Section 203 and Ontario Regulation 559/06 Municipal Services Corporations.



### Legislative Framework



#### Legislation

Section 203 of the Ontario Municipal Act, 2001, allows municipalities to create municipal service corporations (MSCs) to deliver services. These corporations are distinct entities, owned by the municipality or a combination of public sector entities, and can operate within the municipality's boundaries with its consent.

#### Regulation

O. Reg 599/06 governs how municipalities in Ontario can establish and manage municipal services corporations.

Mandatory requirements include:

- Adoption of a **business case study**;
- Approval of asset transfer policies; and
- Public Consultation



# BENEFITS OF A MUNICIPAL SERVICE CORPORATION (MSC)



#### Sustainabilty

Ensures long term
sustainability by using a
'utilities pay for utilities'
model where water and
wastewater revenues
directly fund the
Township's costs



#### Skills-Based Board

Provides the ability to bring in private sector advisors to provide expertise in all aspects of the process be it finance, design or operations



## Financial Constraints

Model can overcome financial restrictions by also preserving municipal owner's borrowing capacity for other strategic priorities



## Flexibility in Financing

Separate Government
Business Enterprise (GBE)
can overcome the borrowing
capacity limit and allow the
municipal owner to access
the necessary financing to
move forward.



# 04 Operating Budget

IN THIS CHAPTER

- Water Operations
- Wastewater Operations



### Water Services

#### Infrastructure

- Water Treatment Plant (Drayton)
- Drayton Elevated Tank
- 17.1 km of Watermain (12.4Km Drayton; 4.7km Moorefield)
- 86 Fire Hydrants

Northern Maple Utilities Inc. operates two (2) main water systems: Drayton Water System and Moorefield Water System. NMU Inc. is responsible for supplying and maintaining access to safe drinking water in compliance with the Safe Drinking Water Act.

The community of Drayton is serviced by the Drayton Drinking Water System, which is comprised of the Drinking Water Supply System (DWSS) and the Water Distribution System (WDS). The Drayton Drinking Water System also provides Fire Protection service for properties within Drayton. The community of Moorefield is serviced by the Moorefield Drinking Water System, which is comprised of the Drinking Water Supply System (DWSS) and the Water Distribution System (WDS). The Moorefield Drinking Water System does not provide Fire Protection service for properties within Moorefield. The Moorefield Water System is currently being upgraded with the addition of a third supply well, construction of additional treated water storage, and high lift pumping upgrades.

Water services are currently supplied to just over 1,000 properties, 98% of which are residential customers. NMU Inc. has established external contracts with OCWA (Ontario Clean Water Agency) to operate and maintain our water systems, while design and engineering services are contracted out to CIMA+. These contracts are overseen on behalf of NMU Inc. by the Township's Director of Public Works.

As per legislation, Water Systems are funded by user rates. NMU Inc. deploys a declining block rate structure for water consumption, with a base fee to fund water infrastructure. Given the relatively small number of users connected to the Mapleton Water System, the base charge required to fund infrastructure trends higher than what is experienced in larger municipalities. As new developments bring new users onto the systems, the base charge rates will be monitored and adjusted accordingly.

The NMU Inc. model will enable this municipal service corporation (MSC) to make strategic investments to increase capacity and service growth, while managing significant capital costs over time.



**Residential Rates** 

Consumption Fee \$2.33/m3

Infrastructure Fee \$50.60/month

# Wastewater Services

#### Infrastructure

- 5 Celled Facultative Lagoon Treatment System
- Drayton Sewage Pumping Station
- Drayton Pump House
- Moorefield Sewage
   Pumping Station
- 11.5 km of Gravity Sewer
- 5 km of Forcemain

The Water Pollution Control Plant (WPCP) is a facultative lagoon treatment system that services both Drayton and Moorefield. Drayton is currently serviced by a conventional gravity collection system that drains to a single communal pumping station conveying flow to the Mapleton WPCP. Moorefield was developed with a low-pressure wastewater system, whereby each property is provided with a grinder pump discharging to the low pressure sewers located within the public rights-of-way. All wastewater is conveyed by the low pressure sewers to a central sewage pumping station, where raw wastewater is then conveyed to the Mapleton WPCP through a 150 mm forcemain.

The WPCP is currently rated for an average flow rate of 900 m3/d. With existing and committed development within Drayton and Moorefield, the full rated capacity of the WPCP has been allocated and, as such, there is no further capacity available to accommodate growth. With support from CIMA+, the Township initiated a Water and Wastewater Servicing Master Plan. Under this study, it was noted that the Township needs to initiate the required modifications to the treatment process at the Mapleton WWTP to increase the rated capacity of the facility to 1,300 m3/d. As such, significant infrastructure investments are required over the next 1-3 years to build this additional capacity.

As per legislation, Wastewater Systems are funded by user rates. Wastewater conveyance is charged based on the level of water consumption in m3. NMU Inc. deploys a declining block rate structure for wastewater conveyance, with a base fee to fund water infrastructure. Given the relatively small number of users connected to the Wastewater System, the base charge required to fund infrastructure trends higher than what is experienced in larger municipalities. As new developments bring new users onto the systems, the base charge rates will be monitored and adjusted accordingly.

NMU's updated model has enabled strategic investments to increase capacity and service growth, while managing significant capital costs over time.



#### **Residential Rates**

Conveyance Fee \$2.21/m3

Infrastructure Fee \$50.60/month



Acct	Account Name	2025 Budget	2025 Actual	2026 Budget
1-3-4020-41210	O Penalties & Interest - Utilities	(1,240.00)	-	(1,270.00)
1-3-4020-42205	5 Water/Sewer Certificates	(450.00)	-	-
1-3-4020-44200	O Account Setup Fee	-	(800.00)	-
1-3-4020-44300	Comparison Sewer Hook-up	(1,220.00)	(720.00)	(660.00)
1-3-4020-44360	Direct Sewage Billings	(969,500.00)	(645,169.04)	(1,004,110.00)
1-3-4020-49000	O Miscellaneous/Other Revenue	-	-	-
1-3-4520-41210	Penalties & Interest - Utilities	(1,470.00)	(2,637.61)	(1,510.00)
1-3-4520-44200	O Account Setup Fee	-	(1,150.00)	-
1-3-4520-44340	Water Connection & Water Meter	(5,000.00)	(6,660.00)	(6,540.00)
1-3-4520-44350	Direct Water Billings	(1,005,600.00)	(693,651.07)	(1,041,490.00)
	Subtotal - Water/Sanitary	(1,984,480)	(1,350,788)	(2,055,580)
1-4-4020-61000	D Wages/Salary	97,629.00	65,839.45	154,430.00
1-4-4020-61005	5 CPP	3,601.00	2,890.97	5,420.00
1-4-4020-61010	) El	1,352.00	887.25	2,030.00
1-4-4020-61020	O WSIB	2,337.00	1,722.15	3,490.00
1-4-4020-61040	) EHT	1,904.00	1,294.85	3,040.00
1-4-4020-61050	D Benefits	7,672.00	5,689.31	13,080.00
1-4-4020-61070	O OMERS	10,856.00	7,416.36	17,640.00
1-4-4020-61100	O Work Order Labour Charges	2,390.00	389.31	-
1-4-4020-61200	Debt Charges - Principal	129,940.00	75,600.00	76,600.00
1-4-4020-61210	Debt Charges - Interest	17,276.00	12,447.34	13,900.00



Acct	Account Name	2025 Budget	2025 Actual	2026 Budget
1-4-4020-62060	Insurance	5,400.00	5,923.26	6,220.00
1-4-4020-62080	Utilities	48,740.00	33,292.82	56,120.00
1-4-4020-62090	Telephone/Communications	2,110.00	2,367.92	3,360.00
1-4-4020-62110	Postage/Courier Service	2,760.00	-	2,850.00
1-4-4020-62137	Materials and Supplies	440.00	399.41	870.00
1-4-4020-62145	Repairs & Maintenance	-	122.11	-
1-4-4020-62190	Computer Hardware, Software & Supplie	4,200.00	4,059.34	28,950.00
1-4-4020-62200	IT Maintenance Contract	5,850.00	6,130.07	5,100.00
1-4-4020-62300	Equipment - Maintenance	40,000.00	11,719.58	50,930.00
1-4-4020-62301	Equipment Charges - E1 Pumps	74,150.00	11,072.85	60,000.00
1-4-4020-62330	Building - Maintenance	2,150.00	-	1,500.00
1-4-4020-62333	Building - Snow removal	2,780.00	-	-
1-4-4020-62342	Building & Property taxes	51,030.00	51,061.73	52,650.00
1-4-4020-62410	Legal Services	-	4,089.74	10,000.00
1-4-4020-62620	Contracts	110,400.00	107,742.41	122,350.00
1-4-4020-62621	Additional Services - Operator	2,000.00	-	-
1-4-4020-62623	Engineering Expense	240.00	588.58	-
1-4-4020-64220	Line Maintenance	21,690.00	11,056.22	22,070.00
1-4-4020-64230	Lagoon Costs	30,000.00	19,630.00	
	Subtotal Wastewater	678,897	443,433	712,600



Acct	Account Name	2025 Budget	2025 Actual	2026 Budget
1-4-4520-61000	Wages/Salary	101,861.00	68,934.30	154,430.00
1-4-4520-61005	CPP	3,719.00	3,002.47	5,420.00
1-4-4520-61010	EI	1,392.00	918.72	2,030.00
1-4-4520-61020	WSIB	2,426.00	1,806.51	3,490.00
1-4-4520-61040	EHT	1,986.00	1,355.67	3,040.00
1-4-4520-61050	Benefits	7,937.00	5,894.46	13,080.00
1-4-4520-61070	OMERS	11,367.00	7,792.31	17,640.00
1-4-4520-61100	Work Order Labour Charges	10,370.00	5,607.00	-
1-4-4520-61200	Debt Charges - Principal	69,467.00	34,490.19	71,440.00
1-4-4520-61210	Debt Charges - Interest	77,456.00	38,970.98	75,490.00
1-4-4520-62030	Professional Development	5,000.00	256.74	5,160.00
1-4-4520-62040	Membership Fees	500.00	-	520.00
1-4-4520-62060	Insurance	7,900.00	7,078.86	7,440.00
1-4-4520-62080	Utilities	62,160.00	43,087.18	64,090.00
1-4-4520-62090	Telephone/Communications	9,240.00	6,924.06	9,360.00
1-4-4520-62110	Postage/Courier Service	2,760.00	-	2,850.00
1-4-4520-62130	Advertising	420.00	946.76	1,000.00
1-4-4520-62137	Materials and Supplies	2,800.00	2,803.97	3,240.00
1-4-4520-62173	Small Balance Write-Offs	-	(7.05)	-
1-4-4520-62190	Computer Hardware, Software & Supplie	4,200.00	2,252.49	28,950.00
1-4-4520-62200	IT Maintenance Contract	5,850.00	6,158.66	5,100.00
1-4-4520-62300	Equipment - Maintenance	38,000.00	21,884.32	39,180.00
1-4-4520-62330	Building - Maintenance	1,270.00	952.57	1,310.00



Acct	Account Name	2025 Budget	2025 Actual	2026 Budget
1-4-4520-62340	Minor Capital Expenditures	-	<del>-</del>	11,000.00
1-4-4520-62342	Building & Property Taxes	2,600.00	3,791.93	3,910.00
1-4-4520-62410	Legal Services	-	-	10,000.00
1-4-4520-62580	Water Meters	9,590.00	1,496.22	9,890.00
1-4-4520-62582	Water Meter Repairs - Labour	2,200.00	1,879.21	2,270.00
1-4-4520-62620	Contracts	263,650.00	206,023.90	286,220.00
1-4-4520-62621	Additional Services - Operator	1,200.00	1,063.32	-
1-4-4520-62623	Engineering Expense	-	-	2,000.00
1-4-4520-62640	Source Water Protection	23,551.00	3,465.09	6,000.00
1-4-4520-64220	Line Maintenance	75,000.00	25,907.73	77,330.00
	Subtotal Water	805,872	504,739	922,880
1-4-4520-62920	Transfer to Reserve Funds	206,198.00	103,099.00	126,660.00
1-4-4020-62920	Transfer to Reserve Funds	293,513.00	146,756.50	293,440.00
	Subtotal Transfer to Reserve Funds	499,711	249,856	420,100
			(152,761)	



# 05 Fees and Charges



#### IN THIS CHAPTER

- Fees and Charges Schedules
- Water Meter Upgrades



#### WATER AND WASTEWATER FEES AND CHARGES

SYSTEM ADMINISTRATION FEES				
		2025		2026
Account Set-Up or Change of Ownership Fee	\$	50.00	\$	52.00
Service Connection Fee - Water	\$	80.00	\$	83.00
Water Meter 5/8" or 3/4" *		Cost + 10%	Cost + 10%	
Grinder Discharge Pump *		Cost + 10%	Cost + 10%	
Service Connection Fee - Wastewater	\$	80.00	\$	83.00
Service Disconnection by Township Fee	\$	80.00	\$	83.00
Customer Request for Service Interruption	\$	80.00	\$	83.00
Temporary water supply, flat rate per month	\$	50.00	\$	52.00
Not Connected Flat Rate per Month	\$	200.00	\$	207.00
Missed Appointment	\$	200.00	\$	207.00
Service Call Request (issue inside property line)	\$	80.00	\$	83.00
Transfer unpaid account to tax roll	\$	45.00	\$	47.00
Bulk Water Administration Fee	\$	100.00	\$	104.00
Bulk Water Rate per m <sup>3</sup>	\$	5.00	\$	5.00
WATER CONSUMPTION FEE (per I	n3)			
Block 1 (Bi-Monthly Cons. to and including 34 m³)	\$	2.25	\$	2.33
Block 2 (Bi-Monthly Cons. Over 34 m <sup>3</sup> )	\$	1.77	\$	1.83
WATER INFRASTRUCTURE RENEWAL FEE	S (mor	nthly)		
5⁄8" or 3⁄4"	\$	48.86	\$	50.60
1"	\$	74.63	\$	77.29
1 1/2"	\$	94.03	\$	97.39
2"	\$	142.70	\$	147.79
3"	\$	493.73	\$	511.36
4"	\$	690.75	\$	715.41
6"	\$	1,036.46	\$	1,073.46
8"	\$	1,431.27	\$	1,482.37
WASTEWATER CONSUMPTION FEE (	er m <sup>3</sup>			,
Block 1 (Bi-Monthly Cons. To and including 34 m <sup>3</sup> )	\$	2.13	\$	2.21
Block 2 (Bi-Monthly Cons. Over 34 m <sup>3</sup> )	\$	1.66	\$	1.72
WASTEWATER INFRASTRUCTURE RENEWAL	EES (	monthly)		
5/8" Or 3/4"	<u></u> \$	48.86	\$	50.60
1"	\$	74.63	\$	77.29
1 1/2"	\$	94.03	\$	97.39
2"	\$	142.70	\$	147.79
3"	\$	493.73	\$	511.36
4"	\$	690.75	\$	715.41
6"	\$	1,036.46	\$	1,073.46
8"	\$	1,431.27	\$	1,482.37

### Water Meter Upgrades



#### **Existing Meters**

Prior to the establishment of Northern Maple Utilities Inc., the Township of Mapleton was exploring opportunities to modernize its water metering system to improve operational efficiency, enhance customer service, and reduce non-revenue water loss.

NMU Inc. currently operates a Sensus FlexNet® Automated Meter Reading (AMR) System which relies on vehicle drive-by collection of meter reads. While this system automates the meter readings, it relies on physical drive-by collection, limiting NMU's ability to receive real-time data, monitor consumption or receive alarms such as leaks, high flow, reverse flow, and meter health.

#### **Meter Upgrades**

The NMU Inc. Board of Directors approved the staff recommendation to upgrade to modernized Advance Metering Infrastructure (AMI). The existing SmartPoint Radios are compatible with both AMR and AMI technology. Transitioning to AMI does not require replacement of existing radios; instead, it adds fixed tower collection devices (Tower Gateway Base Stations) and software to enable continuous, remote meter communication.

Upgrade works are underway across the existing user-base with a target "go-live" date in early 2026. The site works are being undertaken via contract with KTI Limited.

Transitioning from AMR to AMI will provide Northern Maple Utilities Inc. with a modern, secure, and scalable metering system that supports proactive asset management, reduces operational costs, and enhances customer service.

## 05 External Funding



#### IN THIS CHAPTER

- Disaster Mitigation and Adaptation Fund (DMAF)
- Investing in Canadian Infrastructure Program (ICIP)
- Housing Enabling Water Systems Fund (HEWSF)

#### EXTERNAL GRANT FUNDING SUPPORT

With support from third party consultants (CIMA+, Graham and Enterprise Canada), and continued advocacy from staff and Council, the Township has been extremely successful in obtaining external grant funding. The injection of this funding into the long-term financial plan and rate models of NMU Inc. will greatly benefit current and future system users greatly with mitigation of rate adjustments over the longer term.

\$2,063,083

Disaster Mitigation and Adaptation Fund (DMAF)

Funding allocated to the Drayton Wastewater Pumping Station Upgrades.

Funding represents 40% of total project costs

\$3,658,875

Investing in Canadian Infrastructure Program (ICIP)

Funding allocated to the Moorefield Water System Renewal project.

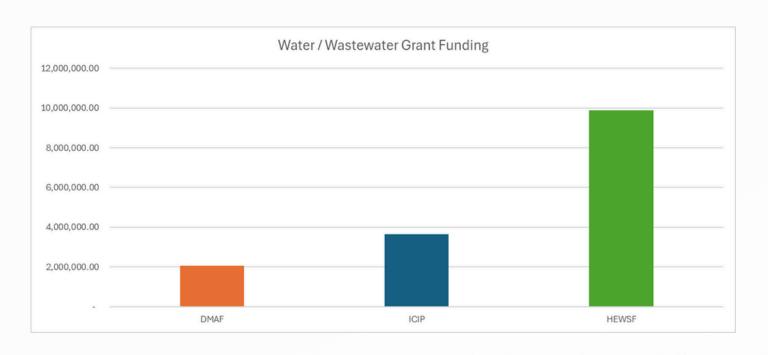
Funding represents 73% of total project costs

\$9,873,250

Housing-Enabling Water Systems Fund (HEWSF)

Funding an expansion to the wastewater treatment plant (WWTP) from 900m3/day to 1,300m3/day, to provide nitrification and forcemain twinning.

Funding represents 73% of total project costs



Acknowledgements

The process of establishing a Municipal Service Corporation (MSC) is a complex endevour that the Township of Mapleton has been recognized for across the Province of Ontario and beyond. We would like to thank the collaborative team involved in bringing this vision forward to the benefit of future generations in Mapleton.

Our sincerest gratitude is further extended to the Council of Mapleton Township for their strategic direction and support for Northern Maple Utilities Inc.

And finally, on behalf of the Board of Directors we thank our Core Budget Team comprised of Rachel Carter, Amanpreet Bains, Jamie Morgan and Patrick Kelly for their resourcefulness and dedication.



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