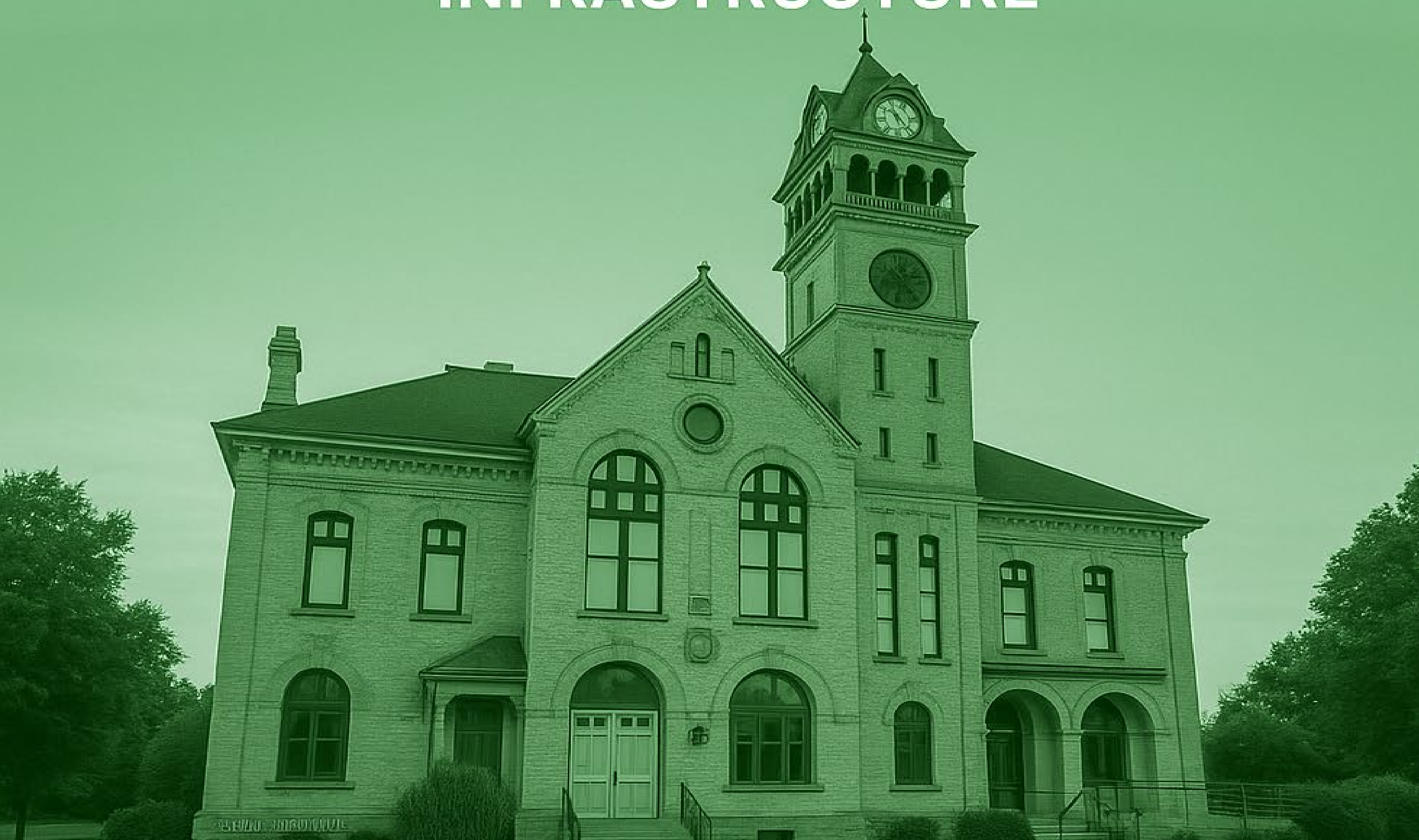
Town of Petrolia Concise Asset Management Plan 2026

PLANNING FOR SUSTAINABLE INFRASTRUCTURE



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Rev No	Date	Revision Details	Author	Reviewer	Approver
1	July 2024	Updated	Jessica Cumming	Annette Strand	Rick Charlebois
2	Oct 2025	Updated	Jessica Cumming	Annette Strand	Rick Charlebois

Executive Summary

For over 150 years, the Town of Petrolia has been a progressive and fiercely independent community that has a proven focus on preserving and celebrating heritage, while continuing to concentrate on growth and innovation. Petrolia is proud to offer its residents the amenities typical of a larger city, all while preserving its small-town charm.

Asset Management (AM) is a planned approach for managing the Town's infrastructure assets. AM ensures the approved levels of services are provided, while minimizing risk and managing lifecycle costs efficiently. Council is responsible for establishing the current levels of service, as well as setting targeted/proposed levels of service. Many of these services require major capital infrastructure, such as safe drinking water and transportation networks.

Asset Management in Ontario is currently guided by the following regulation:

ONTARIO REGULATION 588/17

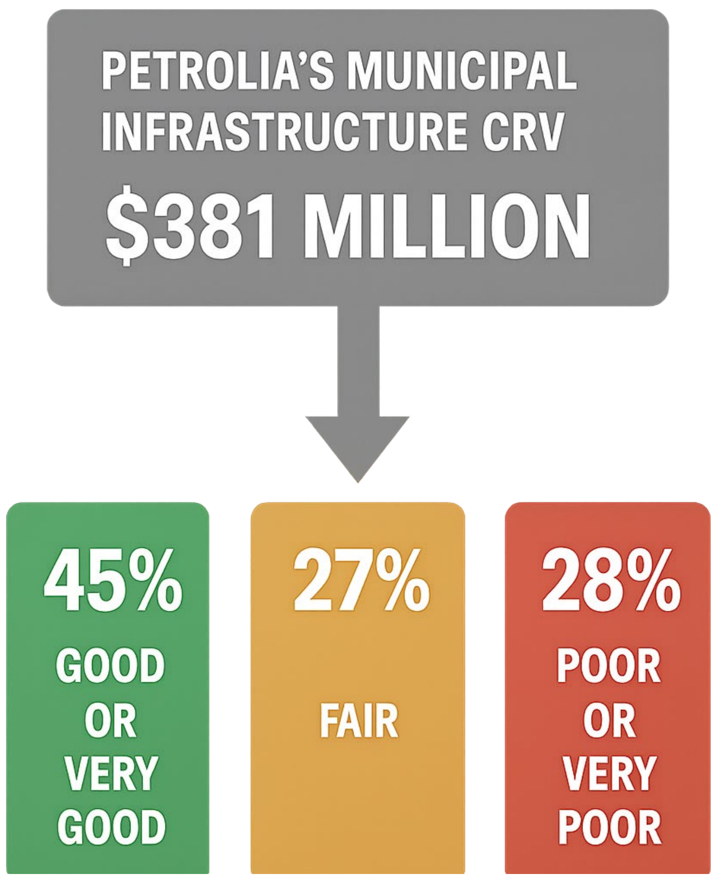
PHASE I	By July 2019, every municipality will have a Council-approved Strategic Asset Management Policy.
PHASE II	By July 2022, every municipality will have an AMP for core assets (water, sewer, and roads) that discusses current levels of service and the cost of maintaining those services.
PHASE III	By July 2024, every municipality will have an AMP for all municipal infrastructure assets (such as buildings, vehicles, equipment, etc.) that discusses current levels of service and the cost of maintaining those services.
PHASE IV	By July 2025, this phase builds on Phases I and II by adding the proposed level of service, lifecycle management, and financial strategy.

This document serves as the second Concise Asset Management Plan (AMP) published by the Town of Petrolia and will complete the final phase of Ontario Regulation 588/17. In this revision of the Town's Asset Management Plan, staff continue to outline asset conditions and current levels of service, while also introducing proposed/target levels of service and financial strategies to reach these targets.

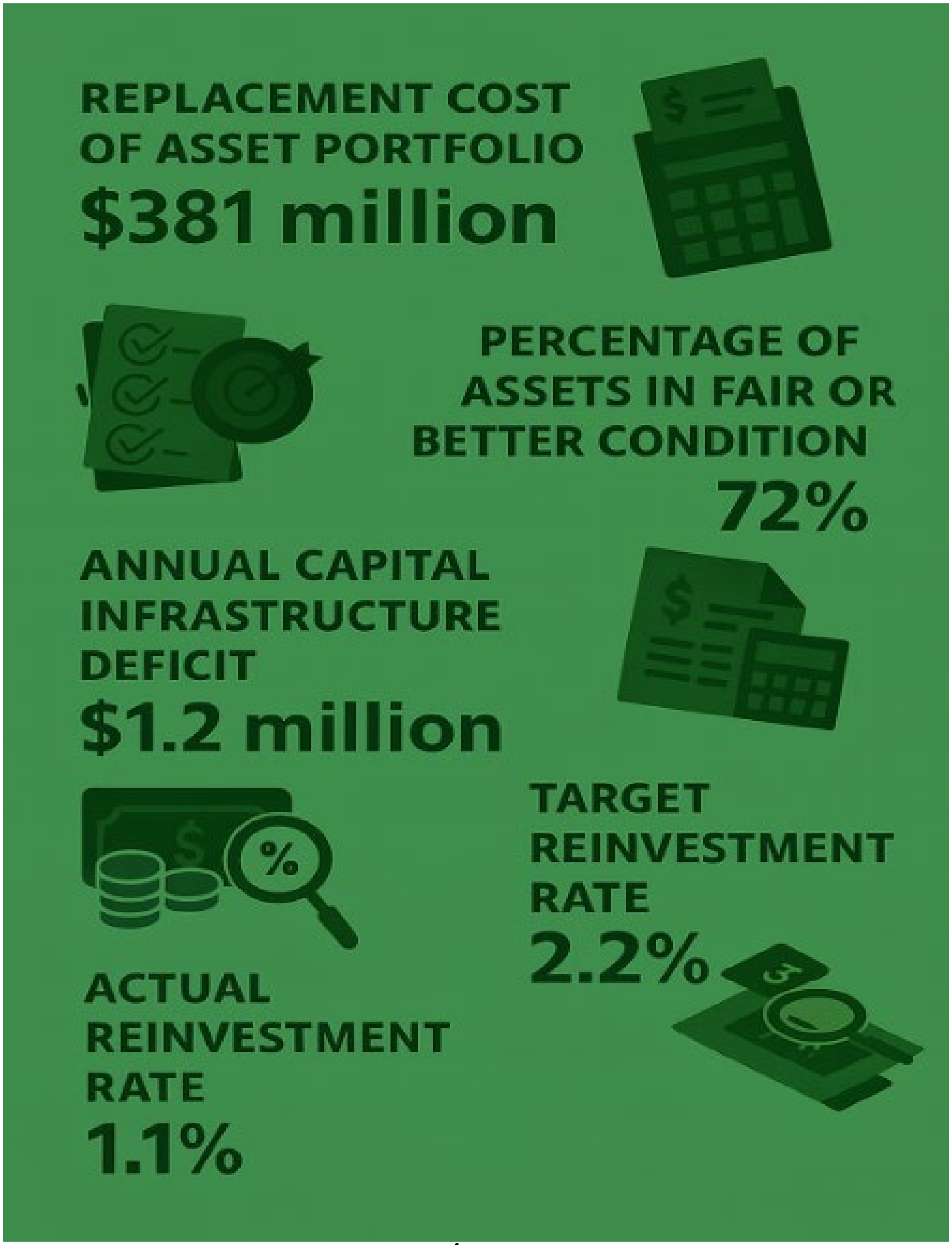
The current replacement value of Petrolia's assets is approximately $381 million. Assets are divided into three categories: Town General Assets, Water, and Sewer.

Overall, Petrolia's infrastructure assets are in fair condition. Approximately 45% are in good or very good condition, 27% in fair condition, and 28% are in poor or very poor condition.

Over the past five years, infrastructure has seen significant improvement due to improved asset management planning and successful grant applications. Currently, services are meeting the targets set by Council.



Key Statistics



Asset Management Policy

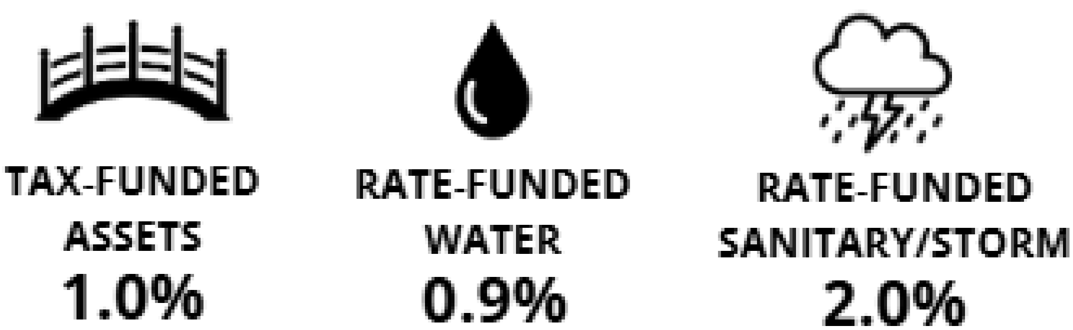
A strategic asset management policy represents a statement of the principles guiding the Town’s approach to asset management. It aligns with the organizational strategic plan and provides clear direction to municipal staff on their roles and responsibilities as part of the asset management program.

A strategic asset management policy was adopted in March 2019 in accordance with Ontario Regulation 588/17.

Financial Strategy

A financial strategy was developed in 2022 to address the capital funding gap. The following graphic shows the **annual tax/rate change** (in addition to inflation) required to eliminate the Town’s infrastructure deficit based on a 10-year plan for tax-funded assets and water assets and a 20-year plan for sanitary and storm assets:

Currently, approximately 20% of revenue is allocated to working capital reserves.



Improvement Plan

Improved asset management planning is vital to the long-term sustainability of Petrolia's assets. This AMP is intended to be a living document. The Town of Petrolia is committed to continually monitoring and adopting best practices over time. Town staff will regularly update asset management data as new information is received. For instance, the Roads Study and Bridge Needs Study provide updated condition reports for the town's roads and bridges. This continuous improvement in our inventory data helps ensure that capital project decisions are made with the most accurate and current information possible.

Next Steps/Recommendations

- Conduct field inspections to improve condition data accuracy
- Maintain compliance with O. Reg. 588/17 and upcoming phases
- Implement a work order system for better lifecycle tracking/data
- Enhance staff training to better understand AM and its importance
- Deep dive into "poor" rated assets to better develop remediation strategies
- Update detailed AMP every 5 years in accordance with provincial regulation

Strategic & Long-Term Capital Financial Plan

This Asset Management Plan is prepared in coordination with the Town of Petrolia's strategic plan, as well as the Town's vision, mission and values.

Vision: to continue to create an outstanding quality of life for our residents through progressive and sustainable governance; to be a leader and a model for all Ontario municipalities through innovation, civility, adaptability and inclusivity; to foster growth and encourage development and diversity.

Mission: to provide exceptional leadership and to sustain the quality of life in Petrolia through fiscal responsibility and community engagement

Values:

- Meaningful partnerships
- Promote equity, diversity and inclusion
- A safe community for all
- Participation in active communication
- Foster growth and development
- Celebration of our heritage
- Financial viability and responsibility
- Respect and civility
- Environmental leadership
- A healthy community
- Ethical and informed decision making
- Technological innovation

Long-Term Capital Financial Plan

The Long-Term Capital Financial Plan (LTCFP) involves aligning financial capacity with long-term goals and sustainability. The LTCFP is integrated with the annual budget, which assesses the likelihood of generating an annual operating surplus to fund capital projects.

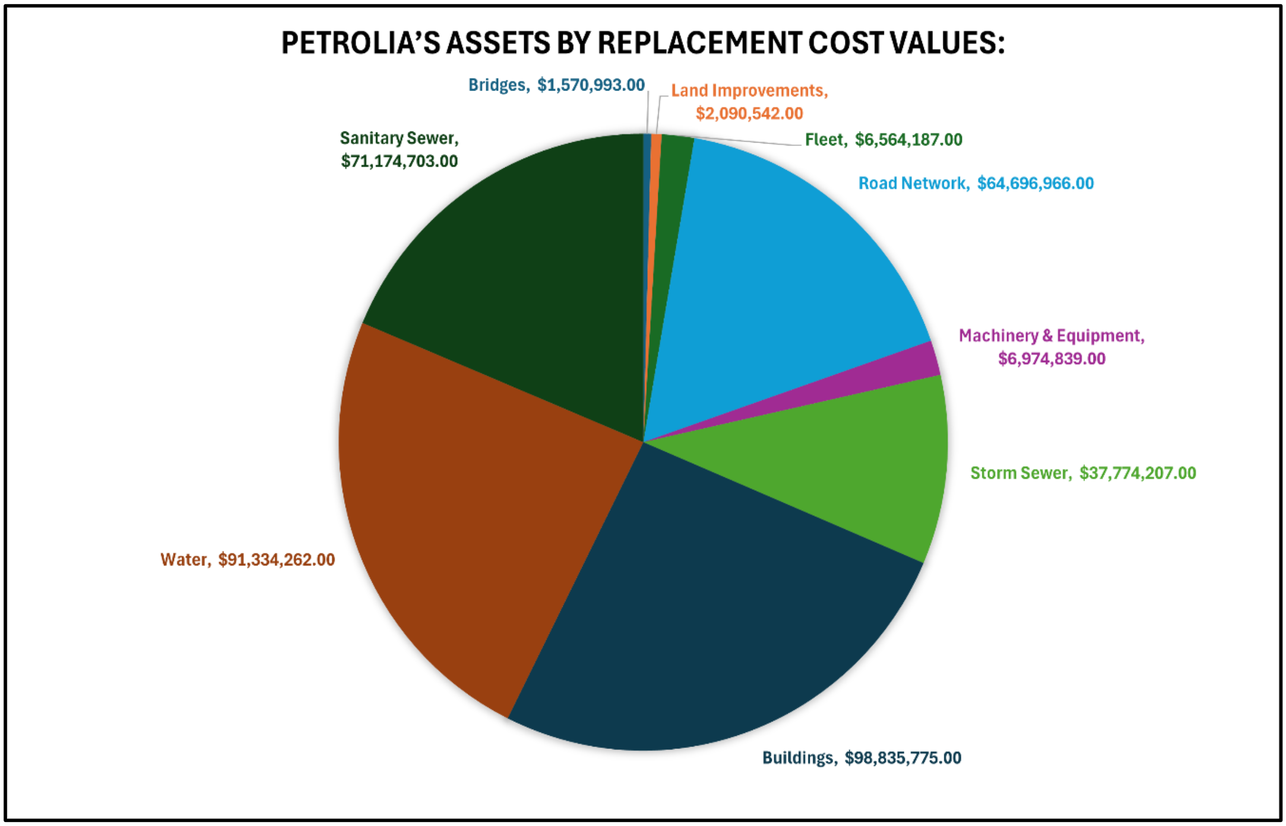
Petrolia's LTCFP and AMP work together to assess the affordability and prioritize capital projects. Together, these documents help staff to plan a funding strategy, using operating surpluses, reserves, grants, and donations.

The LTCFP also outlines recommended borrowing amounts, automatically calculating annual debt repayments. Provincial legislation caps the annual debt repayment limit at 25% of net revenues. The Town of Petrolia adheres to this legislation and operates well within this limit.

Asset Replacement Value

Petrolia's infrastructure assets have a total replacement value of $381 million.

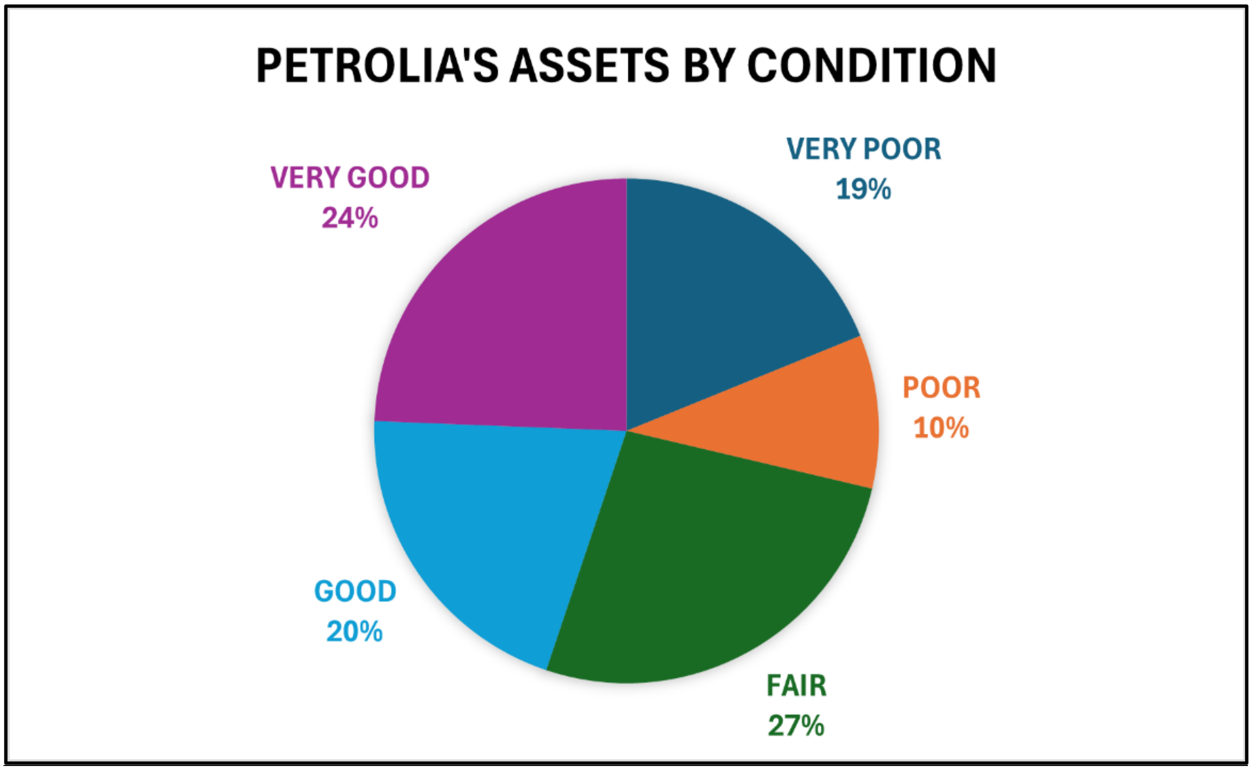
This amount is comprised of Sewer 29%; Roads 17%; Water 24%; Buildings 26%; Other 4%.



Overall Condition

Based on the 2024 replacement costs, recent inspections, and age-based condition data, approximately 45% of Petrolia's infrastructure assets are in very good or good condition. About 28% of these assets are in poor or very poor condition.

The Town prioritizes maintaining water and sewer systems, and buildings in good and very good condition. To achieve these goals, the Town is actively developing plans and implementing measures to replace, renew, and repair assets currently rated as poor or very poor. Currently condition data is age-based. A key objective for the Town is to incorporate staff/expert assessments to our condition data to improve accuracy.



- **Very Good -** Well-maintained with no noticeable defects
- **Good** - Signs of minor deterioration, may require some maintenance
- **Fair -** Deterioration evident, function affected
- **Poor -** Serious deterioration, function inadequate
- **Very Poor -** No longer functional

Town General Assets

The Town General Assets include all assets excluding the water and sewer networks. This consists of the transportation network, municipal facilities, fleet, and various machinery and equipment.

Key Assumptions:

- Tax rate change of 1% (plus inflation)
- 2% assessment growth
- 3% growth in expenses
- Debt assumed at 10-year term and 5% interest rate
- Maintain a minimum Working Capital Reserve of $500K

Town General Revenue:

- Property taxes (approx. 80%).
- Ontario Municipal Partnership Fund (approx. 10%)
- Other revenue: (approx. 10%)
    - Federal and provincial grants (including OCIF)
    - Interest income
    - Bluewater Power dividends
    - Miscellaneous revenue

Town General Expenses:

The Town's general expenses are comprised of all expenses not related to water or sewer. These include administration, facilities and fleet, parks and recreation, and planning and development.

Petrolia's Victoria Playhouse Petrolia (VPP) has been at a self-funding point since 2015. Any operating surpluses are transferred to the VPP reserve to cover any future operating deficits and fund capital projects.

Town General Debt:

The Town's strategy is to avoid incurring debt, unless absolutely necessary. Current annual debt payments are less than $300K, with plans to reduce this amount to zero by 2028. This figure assumes known capital grants, but staff are always actively pursuing additional grant opportunities. Any borrowing has a maximum term of 10 years and a current estimated interest rate of 5% over the planning horizon.

Town General - Asset Portfolio

The following chart lists aged-based conditions and replacement value of General assets.

Category	Assets	Condition Rating (Age-Based Condition)	Current Replacement Cost
Bridges & Culverts	Bridge – Bridge View	Good	$79K
	Bridge – Discovery Line	Good	$1.5M
Buildings & Facilities	Fire Hall & Training Centre	Varies	$4M
	Victoria Hall – Bldg.	Fair	$22.8M
	Victoria Hall - Standby Power	Good	$278K
	VPP - Workshop and Garage	Good	$122K
	Hillsdale Garage	Poor	$21K
	Hillsdale Office	Very Poor	$118K
	Health Services - FHT Bldg.	Very Good	$520K
	Greenwood Arena	Poor	$35.9M
	OHDCC/YMCA	Fair	$14M
	Parks & Rec - Other Bldgs. (14)	Fair	$9.5M
	Public Works Garage	Fair	$2M
	Storage Barn & Works Shed	Very Good	$80K
	Scotiabank Building	Fair	$1M
	Admin. Equip. (10)	Varies	$114K
Machinery & Equipment	Cemetery Equip. (4)	Poor	$63K
	Greenwood Arena Equip. (23)	Varies	$865K
	OHDCC/YMCA Equip. (46)	Varies	$1.5M
	Parks & Recreation Equip. (34)	Varies	$799K
	Petrolia Fire Dept. Equip. (90)	Varies	$1.5M
	Public Works Equip. (11)	Varies	$451K
	Victoria Hall Equip. (18)	Varies	$553K
	VPP Equipment (11)	Varies	$654K
	Light & Heavy-duty vehicles (17)	Varies	$6.5M
Fleet	Arterial (16)	Fair	$5.4M
Road Network	Collector (65)	Fair	$17.1M
	Local (173)	Very Good	$38.4M
	Sidewalks (115)	Fair	$4.2M
	Traffic Operations & Streetlights (700+)	Varies	$722K

Please note: these condition ratings are currently "age based" and will be updated with assessed condition ratings in future AMPs.

Town General – Upcoming Capital Projects

Road network –

- First Ave
- King St
- Florence/Valentina
- Hickory/School

Fleet –

- Fire tanker replacement
- Fire engine/Pumper

Facilities –

- Victoria Hall washroom and elevator upgrade
- YMCA recreational upgrades
- YMCA roof & HVAC replacement
- Arena renovations
- Firehall renovations

<u>**Town General Levels of Service & Performance**</u>

Road Network

Community Levels of Service		
Service Attribute	**Community Level of Service Description**	**Current Level of Service Statement**
Scope	Road network level of connectivity	See Appendix A: Road Network Map
Quality	Roads are maintained in FAIR condition	See Appendix B: Road Network Condition Examples

Technical Levels of Service		
Key Corporate Performance Expectations	**Technical Requirements O. Reg. 588/17**	**Technical Measurement (2023)**
Road network assets support reliable, efficient and safe transportation.	# of lane-km of each arterial road, collector roads and local roads as a proportion of square kms of land area of the municipality.	79 km of lanes 12.68 km square Therefore, 6.23 km per square km of land area.
Road assets are maintained, and road surfaces are smooth.	Average pavement condition index (PCI) value.	The weighted average PCI of the road system is 64.56 as per the condition assessment in 2025. Road assessments are completed every 4-5 years.

Proposed Levels of Service
✓ Target – to maintain all roads to a pavement condition index (PCI) above 60

Bridges & Culverts

Community Levels of Service		
Service Attribute	**Community Level of Service Description**	**Current Level of Service Statement**
Scope	Bridges support heavy and light-duty vehicle loads	None of the municipality's bridges have loading or dimensional restrictions.
Quality	Bridges are maintained in GOOD condition	The municipality is required to complete biennial inspections of all bridge and culvert structures over 3m in span according to the Ontario Structure Inspection Manual. An engineer performs inspections, and any maintenance, rehabilitation or replacement requirements are provided to the municipality

Technical Levels of Service		
Key Corporate Performance Expectations	**Technical Requirements O. Reg. 588/17**	**Technical Measurement (2023)**
Provide reliable bridges with adequate load limits.	% of bridges with loading or dimensional restrictions.	0%
Provide reliable bridges and maintain adequate condition.	Average bridge condition index (BCI) value.	Discovery Line Bridge: 74.7 (2022) Bridgeview Park Bridge: 68.1 (2024)

Proposed Levels of Service
✓ Target – to maintain all bridges to a bridge condition index (BCI) above 65

Other Town General Assets

Community Levels of Service		
Asset	**Community Level of Service Description**	**Current Level of Service Statement (2023)**
Buildings & Facilities	Provide an adequate provision of indoor facilities providing services that meet the demands of the community.	Petrolia currently has the following community buildings: • Community centre • Arena/indoor ice rink • Library • Theatre
Fleet Heavy & light duty vehicles	To assist with the delivery of services, the town owns and maintains a diverse stock of heavy and light-duty vehicles.	Petrolia owns a diverse stock of light-duty and heavy-duty vehicles, incl. four fire trucks and two snowplows. The Town tries to procure vehicles that can be used for multiple purposes.
Land & Land Improvements Parks & Rec Facilities	Provide an adequate provision of parks and outdoor recreational facilities to the community.	Petrolia currently has the following outdoor parks/recreational facilities: • Soccer fields • Baseball Diamonds • Parks • Splashpad
Land & Land Improvements Playgrounds	Provide safe and accessible playground equipment.	Playgrounds are inspected on a regular basis.
Machinery & Equipment Public Works	Provide residents with public works services.	The Public Works Dept. owns and maintains a diverse stock of heavy and light machinery and equipment.
Machinery & Equipment Fire	Provide residents fire protection services.	The Fire Dept. owns and maintains a diverse stock of heavy and light fire machinery and equipment.
Machinery & Equipment Parks & Rec	Provide residents with parks & recreation services.	The Parks and Rec. Dept. owns and maintains a diverse stock of heavy and light machinery and equipment.

Technical Levels of Service		
Asset	**Technical Metric**	**Current Level of Service**
Buildings & Facilities	Square footage of indoor facilities per 1000 households	42,930 sq ft
Fleet – Heavy & light duty vehicles	Heavy-duty fleet – Maintain licensed heavy-duty fleet at a condition rating = GOOD Light-duty fleet – Maintain light-duty fleet at a condition rating = GOOD	Inspections annually. Condition rating updated. Renew or replace vehicle when condition reaches fair or when the asset age reaches end of useful life.
Land & Land Improvements - Parks & rec.	Square footage of outdoor recreation space per 1000 households	1,227,417 sq ft
Land & Land Improvements - Playgrounds	% of CSA-mandated playground inspections completed on time	100%
Machinery & Equipment – Public Works	Heavy-duty machines/equipment – maintain condition rating = GOOD Light-duty machines/equipment – maintain condition rating = FAIR	Inspections annually. Condition rating updated. Renew or replace machine when condition reaches fair or when the asset age reaches end of EUL.
Machinery & Equipment – Fire	Heavy-duty machines/equipment – maintain condition rating = GOOD Light-duty machines/equipment – maintain condition rating = FAIR	Inspections annually. Condition rating updated. Renew or replace machine when condition reaches good or when the asset age reaches EUL.
Machinery & Equipment – Parks & Rec	Heavy-duty machines/equipment – maintain condition rating = FAIR Light-duty machines/equipment – maintain condition rating = FAIR	Inspections annually. Condition rating updated. Renew or replace machine when condition reaches fair or when the asset age reaches EUL.

Proposed Levels of Service
- Target – to maintain all major facilities, fleet, machinery and equipment at a “fair” or higher condition rating.

Managing Risk - Town General Assets

Town of Petrolia staff and contractors regularly review high-risk assets to determine appropriate risk mitigation strategies. Risk models are also regularly reviewed and adjusted according to an evolving understanding of the probability and consequences of asset failure.

- **Roads/Bridges: Current Risks and Management -** The Town does not have sufficient funds to properly address road needs as highlighted by the 2021 Roads Condition Assessment report. Working with a road expert, staff have proposed a balanced approach to addressing the Town's total road construction needs while giving priority to preserving and extending the useful life of the roads in good condition, before they require a total road reconstruction. Staff are actively seeking grant funds to address these needs. Roads condition assessments are to be conducted every 4-5 years.
- **Facilities: Current Risks and Management –** Facilities studies are to be conducted every 4-5 years. In the most recent facilities study, accessibility concerns were identified in multiple facilities, including Victoria Hall. The Town conducted an engineering study to address the minimum essential requirements for Victoria Hall. Grants are being pursued to help fund these requirements.
- **Other: Current Risks and Management –** Another risk to consider is staff retention – loss of key staff knowledge and experience. Petrolia's Chief Administrative Officer (CAO) completes a Strategic Human Resource Plan every 3-4 years. The objective is to take a forward-looking, strategic perspective of our workforce to identify opportunities and risks.

Financial Strategy - Town General Assets

The Town of Petrolia intends to continue its current financial strategy, ensuring the effective management of general assets aligns with the LTCFP. This strategic approach ensures steady investment and resource distribution, aiming to optimize asset condition and performance over their lifespan. Petrolia staff are committed to ensuring general assets continue to support reliable service delivery, safety, and operational excellence.

General Assets – Key Takeaways

- General Assets include: roads, buildings, fleet, facilities
- Roads PCI = 64.56 (target >60)
- Debt: <$300K, targeting $0 by 2028
- Facilities accessibility upgrades needed

Water System

Petrolia's water system includes water distribution assets and the Water Treatment Plant.

Key Assumptions:

- Water rates (fixed and variable):
    - 2025: 3%
    - 2026: 4%
    - 2027+: 2%
- Expected annual consumption increase: 1.5% for Petrolia and 1% for Enniskillen.
- Expense growth anticipated at 2-3% over the planning period.
- Maintain a minimum Water Reserve of $500K

Water Revenue:

1. **56%** Residential water rates (per M3 and fixed charges)
2. **44%** Bulk water sales (Enniskillen)

Water Expenses:

Total operating expenses are estimated at $1.4M with approximately 42% for Ontario Clean Water Association (OCWA) for operating the water system, and 15% for electricity. No substantial changes in expenses are anticipated in the near future.

Water Debt:

The annual water debt is approximately $190K. The Town is in the early stages of replacing the water intake pipe, as it is at the end of its useful life. This project is estimated to cost approximately $16M ($12M grant from the Investing in Canada Infrastructure Program (ICIP)).

Operating Surplus/Deficit:

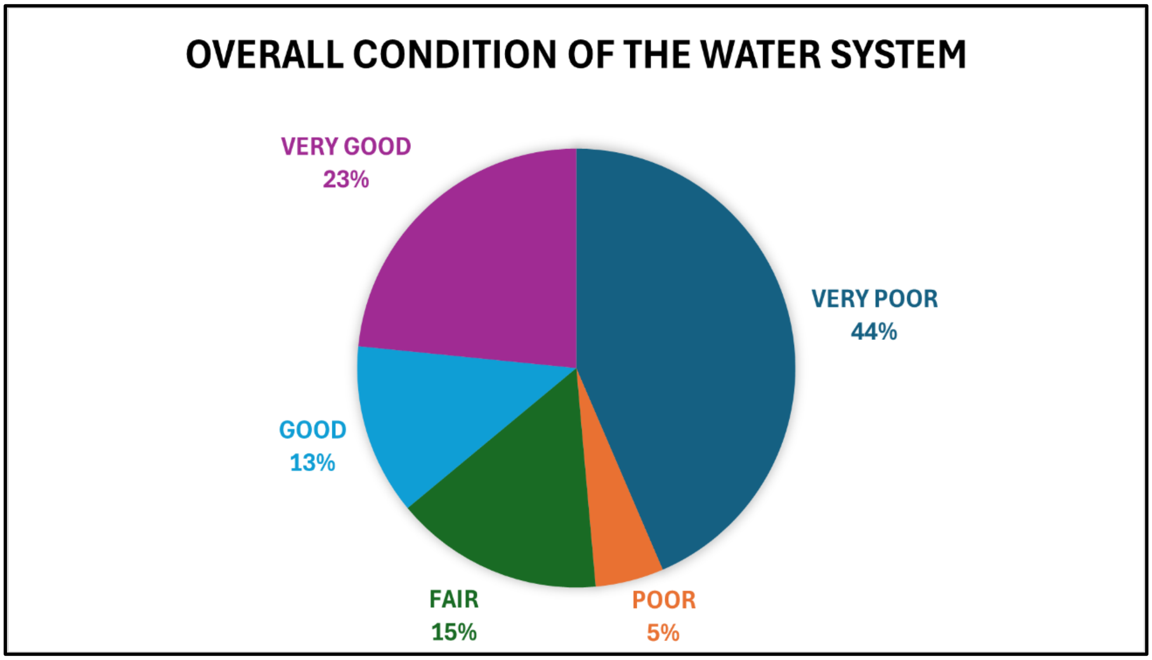
The Town aims to maximize annual surpluses, building the Water Reserve to fund the water intake pipe replacement and future capital projects with minimal debt.

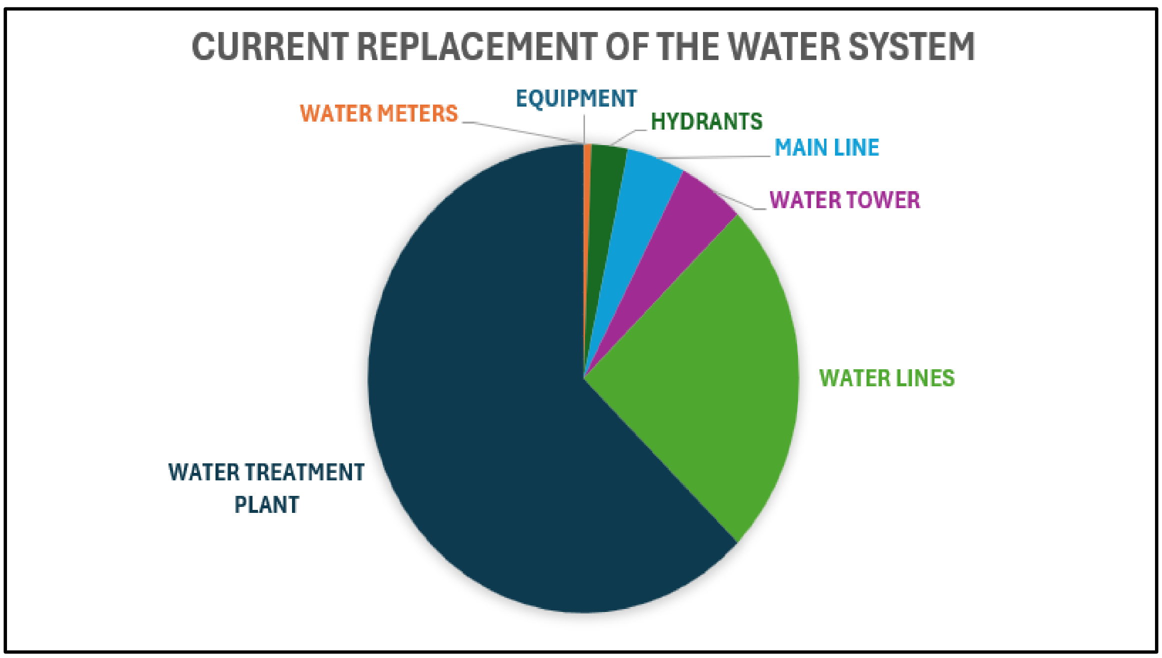
Water Capital:

1. **OCWA capital plan**: Ontario Clean Water Association submits a 10-year plan for capital projects and major maintenance annually.
2. **Road reconstructions:** Renewal/replacement of water network associated with road reconstruction projects.
3. **Equipment replacement:** Replacement of the water intake pipe. Upsizing of Watermain on Petrolia line and Oil Heritage road,

Water System Asset Portfolio

The following graphs represent the overall condition and current replacement value of the Water System assets:





Water System Levels of Service & Performance

Community Levels of Service		
Service Attribute	**Community Level of Service Description**	**Current Level of Service Statement (2023)**
Scope	Description of the user groups or areas of the municipality that are connected to the municipal water system.	All properties are connected to the municipal water system.
	Description of the user groups or areas of the municipality have fire flow.	All areas of the municipality have fire flow.
Reliability	Description of boil water advisories and service interruptions.	There was 1 watermain break in 2023.

Technical Levels of Service			
Service Attribute	**Key Corporate Performance Expectations**	**Technical Requirements O. Reg. 588/17**	**Technical Measurement (2023)**
Scope	Providing clean and safe drinking water to all Town residents.	% of properties are connected to the municipal water system.	100%
	Water has acceptable pressure/fire protection.	% of properties where fire flow is available.	100%
Reliability	To have no boil water advisories.	# of days per year where a boil advisory notice is in place compared to the total # of properties connected to the municipal water system.	0 connection-days (No boil water advisories in 2024)
	To have watermain breaks repaired with minimal service interruptions.	# of connection-days per year due to water main breaks compared to the total number of properties connected to the municipal water system.	1 connection-day

Proposed Levels of Service
✓ Target – to ensure water quality meets all necessary standards.

Managing Risk - Water System Assets

Risk management strategies are designed to help prioritize investments during the planning period. The Town's water system faces several risks, including:

- Rapid Population Growth: Significant increases in population and employment will elevate demand and pressure on water resources, potentially shortening asset lifespan or causing service interruptions.
- Financial Constraints: Budget limitations may hinder investments in the water infrastructure, increasing vulnerability to risks.

Town staff will continue to monitor high-risk assets and assess age-based condition ratings to plan necessary repairs and replacements. Current risk management strategies for the water network include:

- Infrastructure updates:
    - Replacement of the water intake pipe has started.
    - Watermains are replaced as roads are reconstructed.
    - Petrolia line watermain upsizing project

Financial Strategy - Water System Assets

Town staff continue to implement our current financial strategy, ensuring that management of water infrastructure assets remains in strict alignment with the long-term capital strategic plan. This approach ensures the most effective allocation of resources to maintain and enhance the water infrastructure assets throughout their lifecycle. The Town is committed to ensuring that water assets meet environmental standards to deliver reliable and safe water to residents.

Water System – Key Takeaways

- 100% of properties connected; 100% fire flow coverage
- Intake pipe replacement and watermain upsizing – mainly grant funded
- Target: Maintain infrastructure at current level

Sewer System

Sewer assets are critical components of the Town's infrastructure, supporting safe and sustainable service to our homes and businesses. This category includes storm and sanitary sewer mains, as well as the Wastewater Treatment Plant.

Key Assumptions

- Sewer rates:
    - 2025: 3%
    - 2026+: 3-4%

Sewer Revenue

1. Residential sewer rates – per M3
2. Grant funding when available

Sewer Expenses

Total operating expenses annually are approximately $1.5M with the significant cost being about 33% for Jacobs, the Town's contracted services for operating the Wastewater Treatment Plant. Substantial increase are expected in expenses over the planning period. These increases are required to meet legislated requirements of the consolidated infrastructure.

Sewer Debt

On average, the Town's annual debt costs are approximately $370K.

Operating Surplus/Deficit

The Town's strategy is to maximize annual surpluses to build the Wastewater Reserve to $500K. This fund will be used to help fund future or unexpected projects with minimal debt.

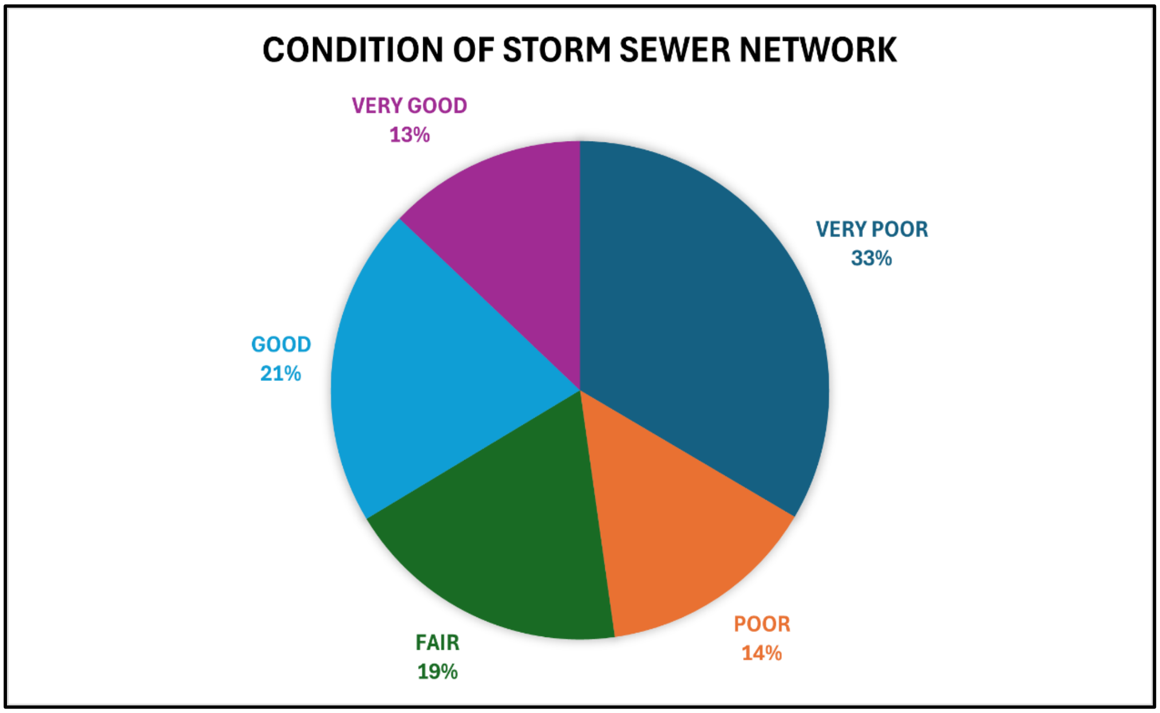
Sewer Capital

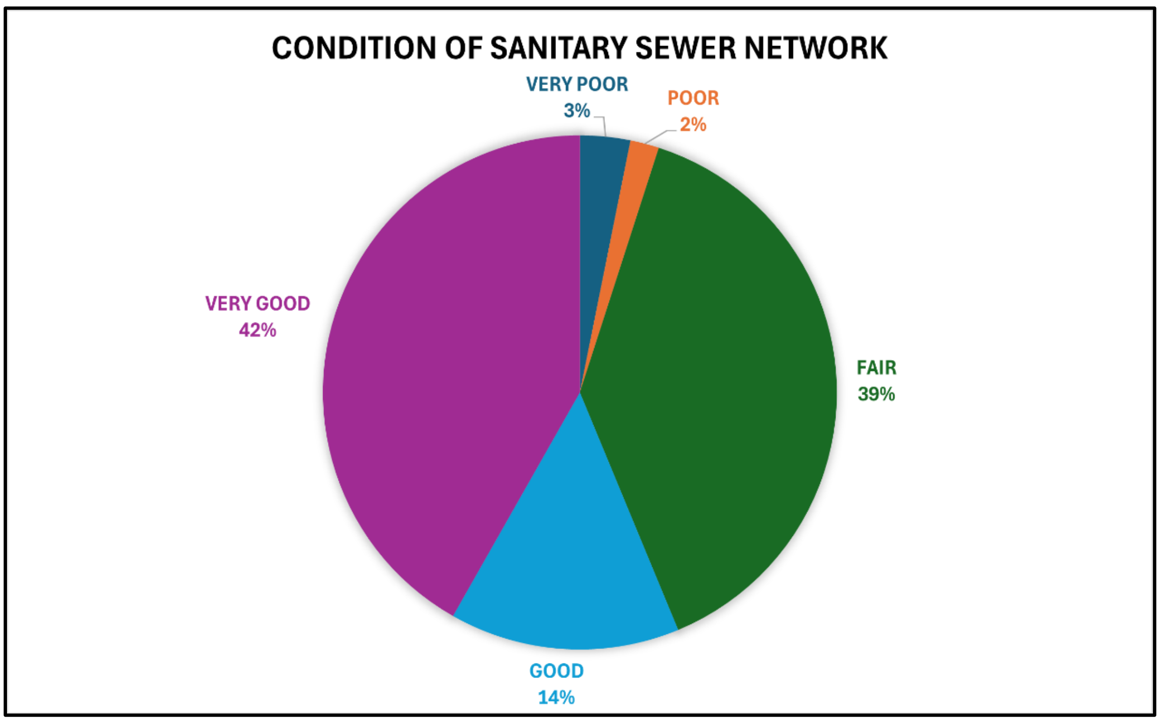
The three main types of capital projects over the planning period are:

1. **Jacob's capital plan**: Capital recommendations are submitted for approval annually.
2. **Infrastructure:** The sewer network replacement is aligned with road reconstructions as required.
3. **Equipment replacement:** The Town plans to replace the existing WWTP disk filter system ($1.3M) due to frequent maintenance issues and high operating costs. The new system will improve long-term efficiency and reliability.

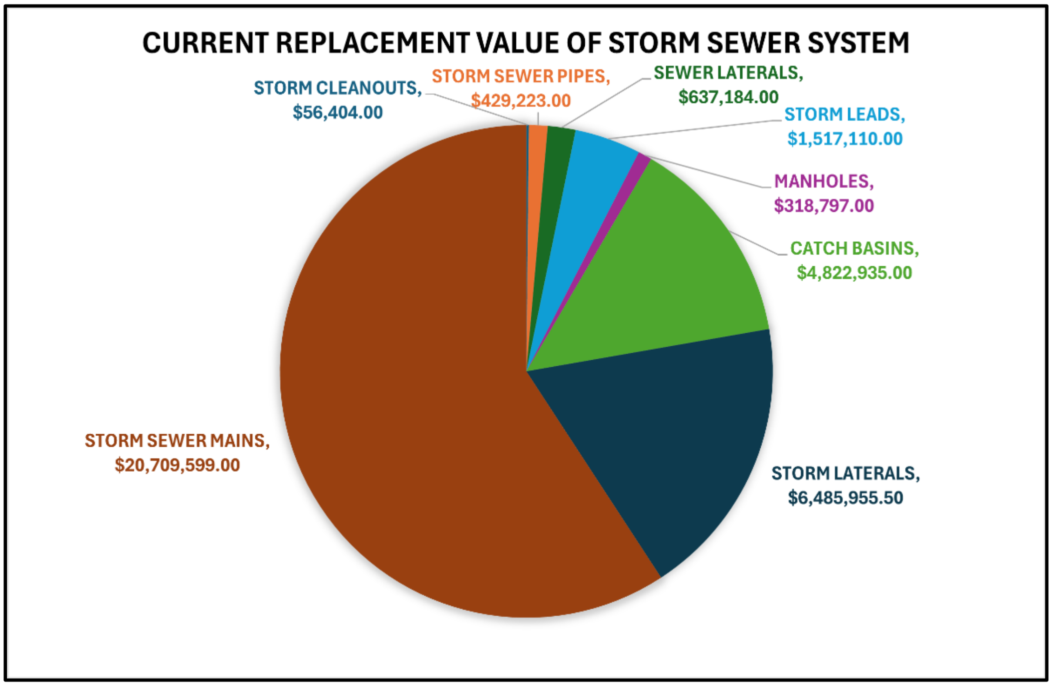
Wastewater System Asset Portfolio:

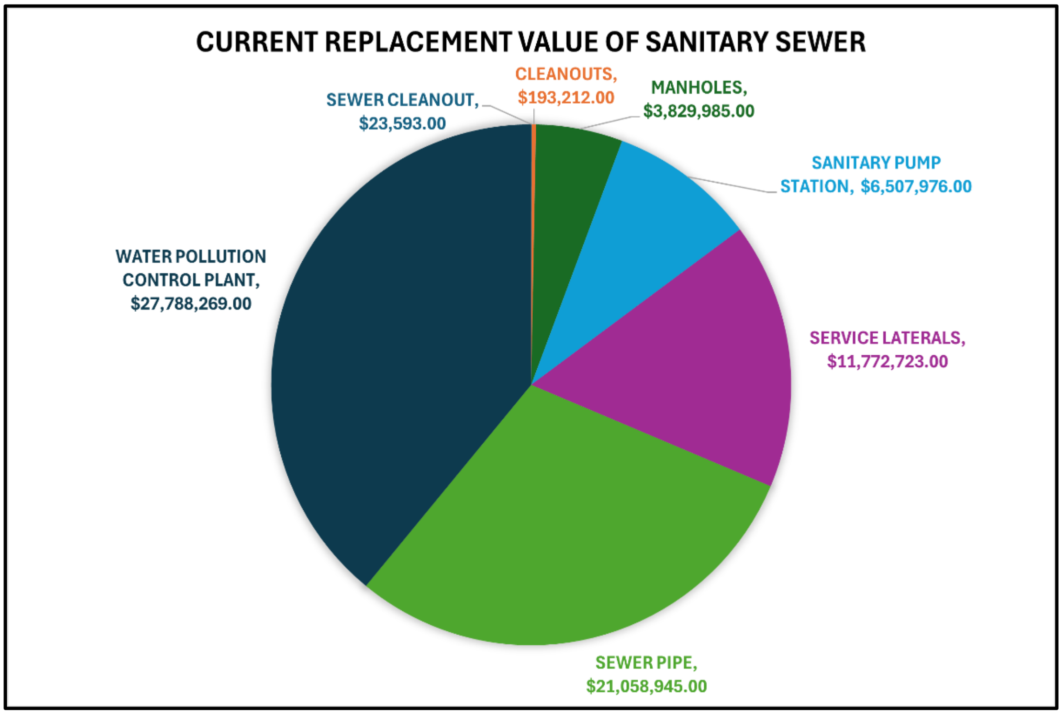
The following chart represents the overall condition of the Wastewater system assets:





The following chart represents the current replacement value of the Wastewater System assets:





Wastewater Levels of Service & Performance

The tables below summarize the Town's current levels of service with respect to prescribed metrics under Ontario Regulation 588/17.

Community Levels of Service		
Service Attribute	**Community Level of Service Description**	**Community Level of Service Statement**
Scope	Description of the user groups or areas of the municipality that are connected to the municipal wastewater system	99% 2498 out of 2524 units in Petrolia are connected to the municipal wastewater system.
Reliability	Description of how combined sewers in the municipal wastewater system are designed with overflow structures in place, which allow overflow during storm events to prevent backups into homes.	N/A Petrolia has no combined sewers.
	Description of the frequency and volume of overflows in combined sewers in the municipal wastewater system that occur in habitable areas or beaches	N/A Petrolia has no combined sewers.
	Description of how stormwater can get into sanitary sewers in the municipal wastewater system, causing sewage to overflow into streets or backup into homes	Infiltration from stormwater and groundwater may enter the sanitary sewers, causing backups in various ways: • Cross-connections • Cracks in sewer • Foundation drain connections • Catch basins • Flooding

Technical Levels of Service			
Asset	**Key Corporate Performance Expectations**	**Technical Requirements O. Reg. 588/17**	**Technical Measurement**
Wastewater Treatment Plant	Access to the wastewater system for all residents.	% of properties connected to municipal wastewater system	99%
	To have no combined sanitary/storm sewers.	# of events per year where combined sewer flow in the municipal wastewater system exceeds system capacity compared to the total # of properties connected to the municipal wastewater system.	N/A Petrolia has no combined sewers.
	To have no lost connection days due to wastewater backups.	# of connection-days per year due to wastewater backups compared to the total number of properties connected to the municipal WWS.	This data is not immediately available. Future tracking will occur in conjunction with Jacobs.
	To provide a wastewater system with minimal impact on the environment.	# of effluent violations per year due to WW discharge compared to the total number of properties connected to the municipal WWS.	0 (Tracked by Jacobs)
Storm Sewer	To have no combined sanitary/storm sewers.	Percentage of properties in the municipality resilient to a 100-year storm.	80% (Last assessment in 2021)
	As roads are replaced, the storm mains will be upgraded to meet recommended pipe sizes.	Percentage of properties resilient to a 5-year storm.	100% (Last assessment in 2021)

Proposed Levels of Service
✓ Target – to maintain wastewater infrastructure to prevent overflows and minimal impact on the environment

Managing Risk - Sewer System Assets

Risk management strategies are developed to assist with the prioritization of capital investments.

The main risk in the Town's Sewer system is the many undersized storm sewer pipes. Replacing all these pipes would require substantial financial investment that exceeds the Town's current budget. To mitigate this risk, undersized pipes will be monitored and gradually replaced during road reconstruction projects. This approach supports risk reduction while aligning reinvestment with long-term financial sustainability.

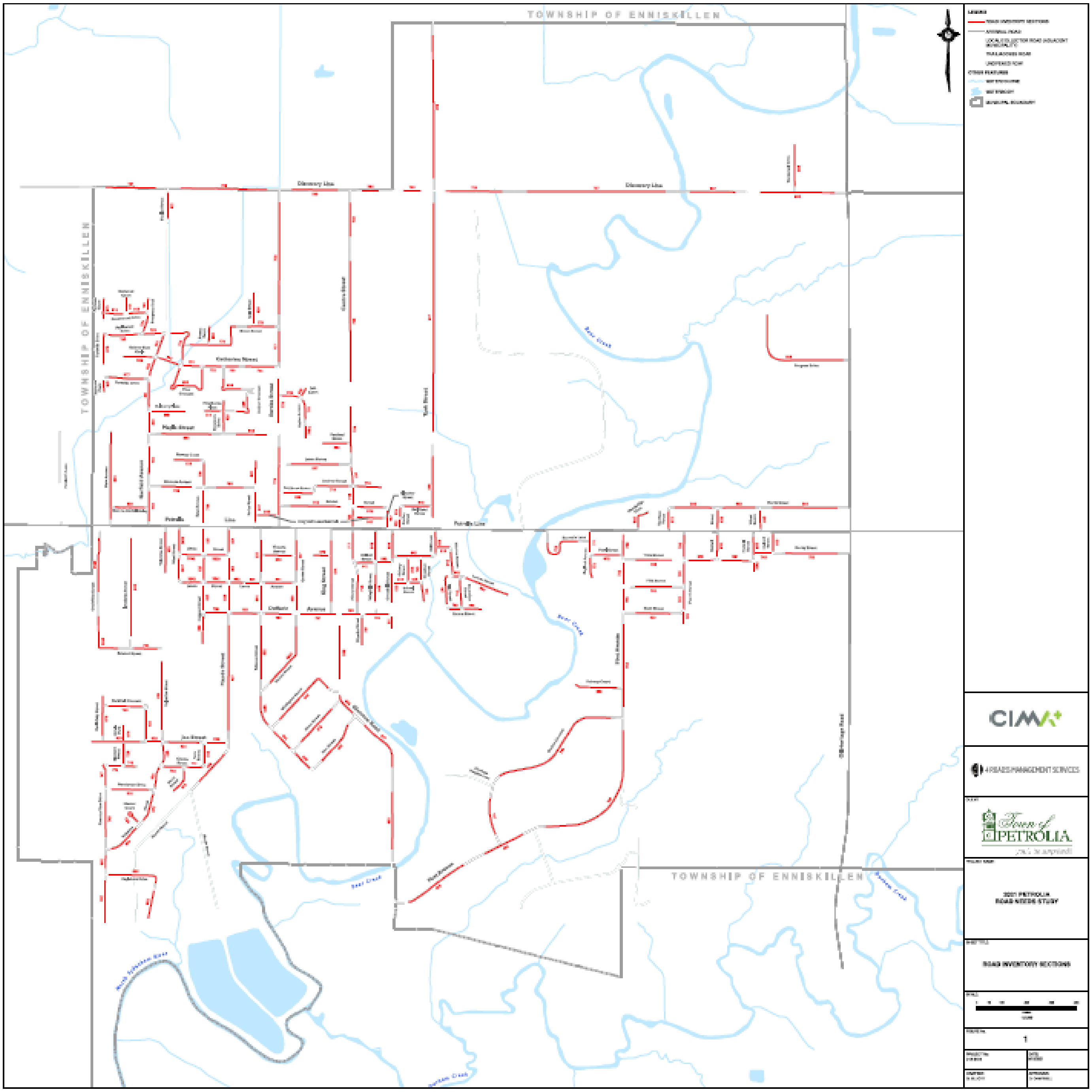
Financial Strategy - Sewer System Assets

The Town of Petrolia will continue to implement its current financial strategy, ensuring that the management of wastewater infrastructure assets remains in alignment with the LTCFP. This approach optimizes the allocation of resources to maintain, renew and enhance the wastewater infrastructure assets over their entire lifecycle. Petrolia remains committed to ensuring that wastewater assets meet or exceed provincial standards and provide reliable, safe, and environmentally responsible services to the community.

Sewer System – Key Takeaways

- 99% of properties connected
- Many storm sewer pipes undersized; replacement gradual & grant-dependent
- Replacing WWTP filtration system within the next couple years
- Target: Maintain infrastructure at current level

Appendix A


TOWNSHIP OF ENNISKILLEN
TOWNSHIP OF ENNISKILLEN
TOWNSHIP OF ENNISKILLEN
CIMA+
4 ROADS MANAGEMENT SERVICES
Town of PETROLIA
2021 PETROLIA ROAD NEEDS STUDY
ROAD INVENTORY SECTIONS

Appendix B

Road Network Condition Data Examples	
Asset	**Key Corporate Performance Expectations**
Very Poor PCI 0-19	
Poor PCI 20-39	
Fair PCI 40-59	
Good PCI 60-79	
Very Good PCI 80-100