THE REGIONAL MUNICIPALITY OF PEEL

WATER SYSTEMS

Financial Plan (2024-2029)

Number 009-301A

AS PER ONTARIO REGULATION 453/07

UNDER THE SAFE DRINKING WATER ACT, 2002

PREPARED BY: PEEL PUBLIC WORKS FINANCE SUPPORT UNIT
AND WATER/WASTEWATER DIVISION

JANUARY 2024

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1. EXECUTIVE SUMMARY

The contents of this document describe the six (6) year Financial Plan to sustain municipal drinking water systems in the Regional Municipality of Peel (hereafter referred to as "Peel"). The Financial Plan utilizes guidelines of the Public Sector Accounting Board's accounting standards PSAB 3150 for tangible capital assets in preparing this document required by Ontario Regulation 453/07 under the *Safe Drinking Water Act, 2002.*

The Financial Plan outlines the processes and practices in place within Peel that ensure the financial sustainability of the drinking water systems. It documents current financial commitments and funding sources for the current 2024 budget year and projections for the subsequent five (5) years including both capital outlays and operational expenditures. It also documents the water infrastructure 10 Year Capital Plan.

The Financial Plan is not an accounting summary nor does it describe water program specifics such as service levels, program processes, service delivery, etc. It is focused on the means by which Peel assures financial sustainability of the physical assets and a high-level summary of financial projections and position.

Some areas of the Financial Plan are developed in conjunction with wastewater when it comes to the business sustainability as Peel's management is taking an integrated approach to conduct water and wastewater business.

Some financial information required by the Regulation is consolidated on a municipal level across numerous departments and it is difficult for that information to be allocated to the drinking water system. The financial information that Peel is able to provide as part of the Financial Plan is as follows:

- Complete projected statement of financial activities
- Tangible capital assets and changes in tangible capital assets in the projected statement of financial position
- Level of details related directly to the replacement of lead service pipes

More information on projected statements of financial position can be found in Appendices I, II and III.

As supplementary documents, Water Program 2024-2033 10 Year Capital Plan in high level and details are attached in Appendix IV.

The financial information that Peel is unable to provide due to the unavailability of information breakdown in the current financial system is as follows:

- Projected statement of changes in financial position
- Financial assets, liabilities and non-financial assets except tangible capital assets

2. PURPOSE AND REGULATORY REQUIREMENT OVERVIEW

Peel's Water Systems Financial Plan (2024-2029) Number 009-301A has been prepared by staff to meet the requirements of Ontario Regulation 453/07 (Financial Plans) under the *Safe Drinking Water Act, 2002* (SDWA). The Financial Plan provided herein includes a projection over six (6) years, from 2024-2029, and conveys an overview of the processes in place to ensure reliability and long-term financial sustainability of the physical assets that comprise Peel's five (5) drinking water systems that supply water to the Cities of Brampton, Mississauga and Town of Caledon.

The Financial Plan documents the current financial commitments and available funding sources over the set planning horizon including both capital outlays and operational expenditures. An overview of the expected financial funding for new infrastructure as well as existing infrastructure maintenance is provided together with the water infrastructure 10 Year Capital Plan. The Financial Plan represents a projection of financial position including tangible capital assets and changes in tangible capital assets; financial operations; and cash flows.

The intent of this Ontario Regulation 453/07 is to ensure public transparency and the long-term planning for sustainability of the municipal drinking water systems. Regional Council approved the first three submissions of the Financial Plans in the past decade as part of satisfying the five (5) components under the new Municipal Drinking Water Licensing Program (MDWLP). An updated Financial Plan must be prepared prior to applying for renewal of the Municipal Drinking Water Licences (every five (5) years).

This update to the Financial Plan has been prepared by staff as a condition of the application for Licence renewal. The Plan must be approved by Council and its copy, along with Council resolution, submitted to the Ministry of Municipal Affairs and Housing (MMAH). In addition, the Financial Plan must be made available, on request, to members of the public who are served by the drinking water systems without charge and available through publication on the Municipality's website. A notice advising members of the public served by the drinking water systems of the availability of the Financial Plan must also be provided.

3. REGION OF PEEL FINANCIAL PROCESS

To ensure the business sustainability, Peel has put a lot of financial procedures and business practices in place. Peel conducts annual reviews and potential adjustments of the capital and operating budget. The process in place includes inputs and expertise from the finance department, drinking water system operations and capital divisions and final approval by the Peel's Council members and Regional Chair.

The budget framework requires a budget plan and identifies and allocates funds for:

- operations and maintenance projections for one (1) year and term of Council (normally four (4) years);
- major capital design and construction projections for one (1) and ten (10) years forward which identifies infrastructure needs
    - to meet growth demands (new infrastructure and expansions)
    - major maintenance on treatment facility, transmission and storage systems
    - major repair and replacement of the existing distribution system
- consideration and implementation of advancing technologies, continuous improvement, risk management approaches as well as coordination with other municipalities in support of the drinking water infrastructure
- emergency situations for specific infrastructure events related to service disruptions.

The budget and financial processes identify funding sources, reserve sustainability and cash flow projections.

Peel also implements a series of financial procedures and policies to guide staff as to funding control, such as financial control by-law, purchasing by-law, reserve management policy as well as debt financing policy.

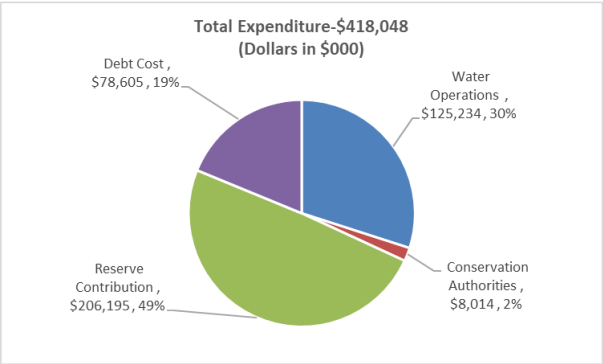
4. OPERATING FINANCIAL PLAN

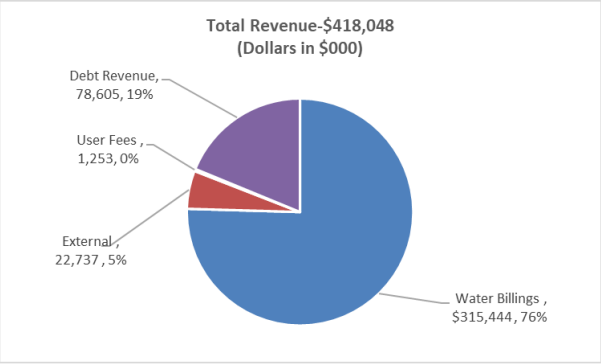
4.1 Full operating cost recovery approach:

The Water and Wastewater services deliver high quality drinking water and effluent treatment to protect the environment while planning for growth and ensuring the sustainability of Peel's infrastructure. The operating side is primarily guided by the full cost recovery principle and recovered through billed water consumption in the Residential and Industrial, Commercial & Institutional (ICI) sectors, as well as user fees for services provided. Peel also supplies water to York region, which is guided by the full cost recovery principle as well.

Peel determines the water rate each year based on the total annual projected operating cost and the estimated flow, which allows Peel to be in a good position to implement full cost recovery. In addition, Peel contributes to a water rate stabilization reserve each year. This is used as a buffer to offset any revenue fluctuations in case of any departure between the estimated and actual billed consumption. Chart 1 and Table 1 below illustrate how Peel's management developed a balanced budget for 2024 and five-year outlook.

Chart 1: 2024 Peel's Water Operating Budget





Note: Debt cost refers to the allocation from corporate development charge borrowing cost, which is offset by the Debt Revenue collection from the developers over time.

Table 1: Projected Water operating budget for period of 2024-2029

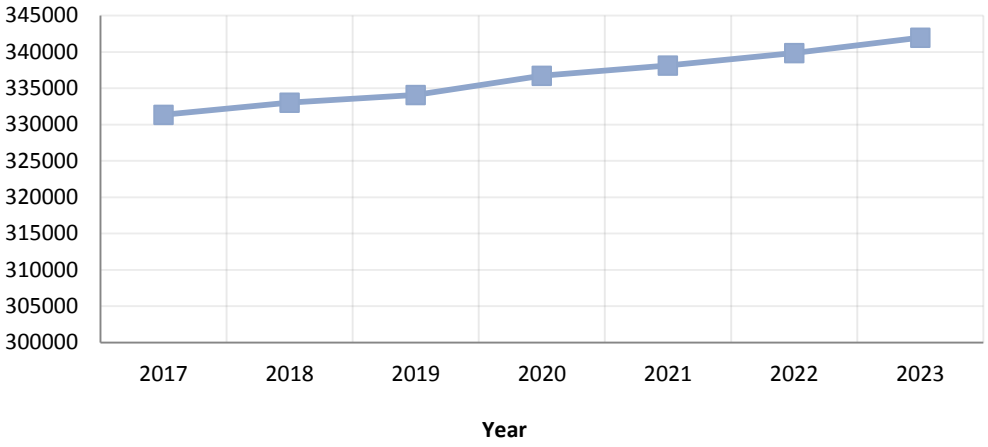
Operating Budget ($000s)	2024	2025	2026	2027	2028	2029
Peel Water Net Expenditure	315,443	334,601	354,821	376,795	394,693	413,709
Peel Water Billings	(315,443)	(334,601)	(354,821)	(376,795)	(394,693)	(413,709)
Net Water Cost	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

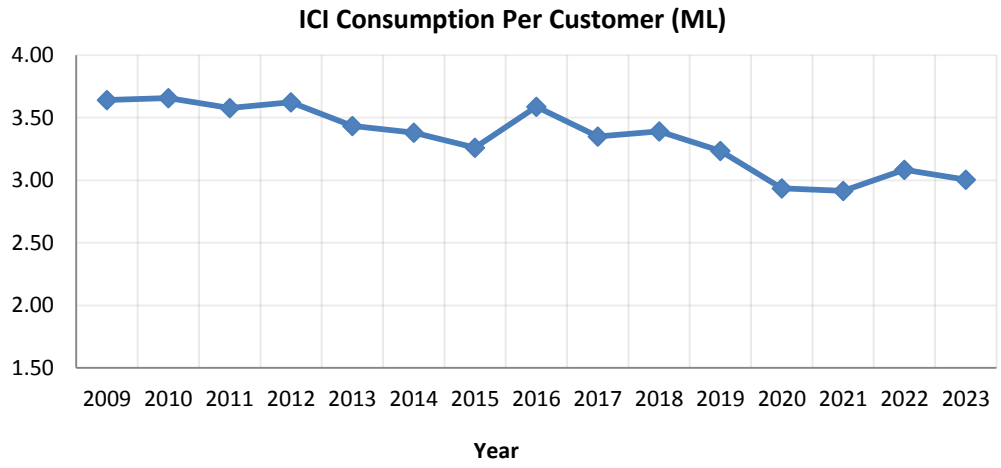
4.2 Customer Base and Declining consumption per Capita

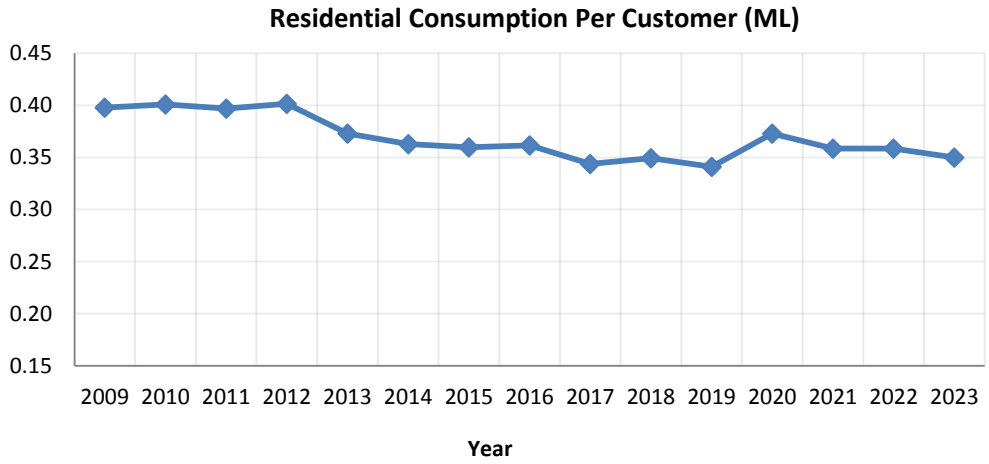
Peel's customer base is increasing year over year, as illustrated in Chart 2 below, which brings economies of scale to the operations as the water business is highly capital intensive.

Peel annual budget also recognizes the declining trend in the consumption per capita on both Residential and Industrial, Commercial and Institutional (ICI) sectors as a result of the conservation efforts over time.

Chart 2: Increase of service accounts over time







4.3 Water rate:

As part of 2024 budget development, for the period 2024-2027, Peel Utility Rate programs are looking at an average combined annual rate increase of 6.1 per cent, illustrated in Table 2. The

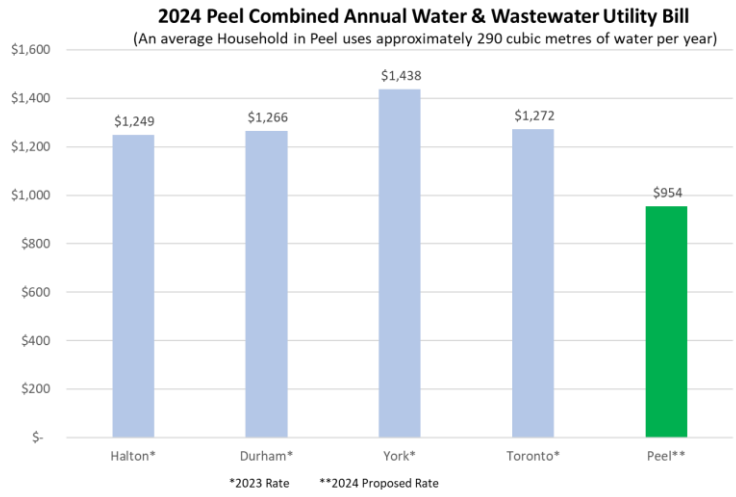
rate reflects the need for maintaining condition and performance of assets through the water and wastewater capital stabilization reserve contributions, costs for operating water and wastewater systems and estimated water consumption patterns.

Table 2: Forecasted Utility Rate

Forecasted Utility Rate Impact 2024 – 2027	Budget	Forecast		
	2024	**2025**	**2026**	**2027**
Operations	2.9%	1.2%	1.5%	1.6%
Volume Adjustment	(1.4%)	(0.6%)	(0.6%)	(0.6%)
Capital Infrastructure	5.3%	5.0%	5.0%	5.0%
Total Utility Rate Impact *	**6.8%**	**5.6%**	**5.9%**	**6.0%**
Household Bill (annual consumption of 290m^3)	$957	$1,012	$1,071	$1,134
Small Business (annual consumption of 695m^3)	$2,456	$2,599	$2,750	$2,913

Peel has been able to provide water service to Peel's residence and Industrial & Institutional (I&I) sectors at the lowest rate across GTA and neighbouring municipalities. The management of capital reserve, which forms significant part of the operating expenditure, has been very effective to address the future replacement and rehabilitation of the infrastructure. In addition, Peel's management is promoting a culture of improving the operating efficiency by looking at the alternative options of service delivery. Those practices will allow Peel to continue to stay in a good shape with regards to delivering water services with low costs and hence sustain the business. Chart 3 below illustrates the latest water billing comparison among GTA and neighbouring municipalities.

Chart 3: 2024 Water Billing Comparisons



4.4 Water new rate structure and long-term financial plan

Subject to the successful completion of the necessary billing system upgrades, the newly sanctioned water and wastewater rate structure, detailed in Regional Council Resolution 2022-430 listed on the May 12, 2022 agenda "Long-Term Utility Financial Plan Rate Structure," is scheduled for implementation on April 1, 2024. It is important to note that the impact on individual consumer sectors will differ, resulting in unique adjustments compared to the overall rate increase.

The approved water and wastewater rate structure includes a fixed service charge and a volumetric rate. This approach is based on industry best practices and balances the pricing objectives of bill and revenue predictability, customer understanding and administrative ease, and equity.

The total revenue collected will remain unchanged and only the method and source of collection within each sector will be modified.

The utility service is also implementing a long-term financial plan for Water and Wastewater. The long-term utility financial planning model provides the Region with a plan for a sustainable financial future that accounts for long-term infrastructure funding requirements and revenue needs while balancing rate increases over time. The model allows the Region to run scenarios based on the impacts of Provincial and other external agency initiatives, as they become known.

5. CAPITAL FINANCIAL PLAN

Peel's water system comprises of: Lake based, South Peel Drinking Water System that provides water supply for the City of Brampton, the City of Mississauga, and parts of South Caledon including the Town of Bolton, and a contractual arrangement to supply drinking water to York Region:

- two (2) surface water treatment plants (WTP); Lakeview WTP in the central-east system and Lorne Park WTP in the west system.
- distribution system that carries water from the treatment plants through approximately 4,700 km of pipes that range in size up to 2400 mm in diameter.
- pumping stations and storage facilities:15 pumping stations, 1 rechlorination facility (at Bolton Standpipes facility and 18 water storage facilities

It also includes North Peel Drinking Water Systems that provide groundwater supply for the communities in Town of Caledon including, Cheltenham, Inglewood, Caledon Village, Alton, Caledon East and Palgrave:

- Four (4) groundwater Drinking Water Systems: Palgrave – Caledon East, Caledon Village – Alton, Inglewood and Cheltenham that include 15 active production wells as well as 9 treatment facilities, and
- distribution systems including four (4) booster pumping stations and seven (7) water storage facilities.

5.1 Water Infrastructure Management Sustainability Methodology

5.1.1 Water Capital Master Plan updates:

The Water and Wastewater Master Plan for the water system are being updated every five (5) years, in line with Peel's Official Plan (currently with a horizon of 2041), to address the areas of:

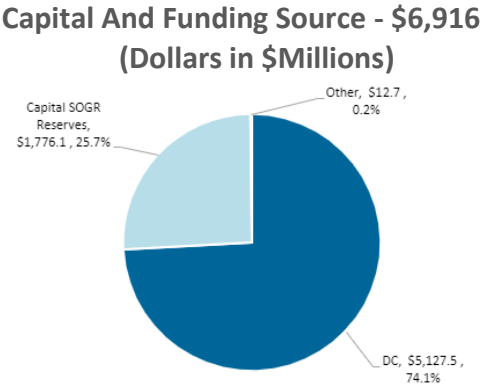
1. Meeting the servicing needs of identified growth in Peel
2. Protecting the public and the environment from the impacts of potentially high wet weather flows
3. Level of service and design basis review
4. Optimization of existing and future water storage
5. Recognition of growth beyond places to grow
6. Potential intensification impacts

The municipality's Water & Wastewater Master Servicing Plan is being updated and identifies capital and asset needs which will allow the Region to achieve its growth vision by planning infrastructure for 2051. The plan is aligned to the Region's Growth Management Plan and includes over $7 billion of capital projects to facilitate growth and ensure the Region's water and wastewater assets are maintained in a state of good repair.

5.1.2 Annual short term and long-term Capital Plan development and updates

Guided by the Master Plan, the water program reviews and updates short term (one (1) year) and long-term Capital Plan (ten (10) year) in the annual budget development, which identifies existing infrastructure major repair and replacements for distribution systems based on projected life cycles, history of performance and economic and social opportunities. The plan development also considers the funding source, reserve sustainability and term of Council priorities. The 2024 water Capital Plan can be found in Appendix IV. Chart 4, below provides a snapshot of water long term financial plan and its funding sources.

Chart 4: Total 10 year Capital plan and funding source



5.2 Reserve Management

Peel currently manages three (3) primary reserves in water business: the State of Good Repair (SOGR) reserve, the Development Charge Reserve and Water Rate Stabilization Reserve. The contribution level is being evaluated on an annual basis to reflect the updated Capital Plan and the projected capital works spending. For any joint capital projects with other municipalities and external parties, the cost share is determined and agreed upon by both parties. In addition, a joint sub SOGR reserve is set up to address infrastructure repairs and replacements in the future and the reserve contribution is part of the annual operating budget and recovered through the wholesale rate.

5.2.1 SOGR Reserve

SOGR reserve is for future repairs and replacements on the existing infrastructure, which is sourced from contributions through the annual operating budget and recovered through water retail rate. The types of capital projects supported by these reserves include replacement of vehicles, replacement of linear assets, pipes, feeder mains and facilities. Capital reserves not only provide the resources to advance Peel's capital plan, but also provide financial flexibility to meet long term financing requirements and help achieve the long-term financial sustainability of its infrastructure.

The commitment to maintain quality water and wastewater services and comply with regulations includes a continued focus on asset management work. Each year, information on the condition of Peel's infrastructure is updated and re-evaluated over the 20-year horizon as per Council's direction in 2014, to validate the long-term adequacy needs for the capital reserves.

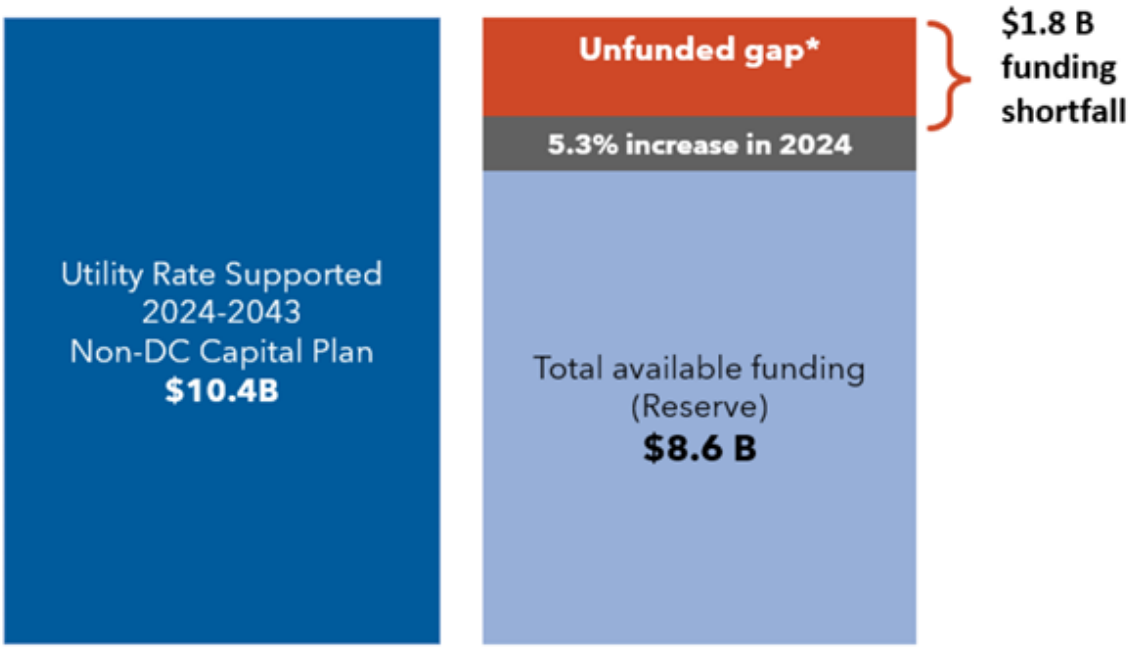
Based on the most recent assessments of Peel's water and water infrastructure, it is estimated that approximately $10.4 billion will be required over the next 20 years to predominately finance the state of good repair of water and wastewater infrastructure assets. This level of

investment will be sufficient to maintain current service levels to the public and manage infrastructure risks.

As illustrated in Chart 5, there is a funding gap currently estimated at $1.8 billion, which has largely been driven by the growth in Peel's infrastructure combined with the fact that some of Peel's more significant infrastructure is approaching the end of its lifecycle. To mitigate the projected unfunded shortfall and to support Peel's long-term financial sustainability, an increase equivalent to a 5.3 per cent utility rate increase (or $25.5 million) is proposed in the 2024 Utility Rate Supported budget.

Analysis shows an annual increase of five per cent for three more years until 2027 will close the funding gap assuming the expenditures and revenue sources in the capital plan do not change.

Chart 5: 2024 Budget Decision on SOGR Reserve Contribution



5.2.2 Development Charge Reserve

Guided by the Regional Council's "growth pays for growth" philosophy, the new infrastructure is financed from Development Charges (DC), which is currently reviewed on a regular basis.

The new infrastructure is identified through development of the Master Plan that includes development of new or expansion of existing treatment facilities, transmission and storage facilities and follows the Region Official Plan.

If there is a material difference in the timing between when development charge revenue is received and when infrastructure expenditures are needed, then debt may be required. A strategy to review the timing of capital projects has been implemented.

5.2.3 Rate Stabilization Reserve Draw

This reserve serves to address revenue fluctuations. During years with operating deficits caused by reduced consumption, funds will be drawn from the rate stabilization reserve to cover the shortfall. Conversely, in years with operating surpluses, Peel management will conduct a surplus management exercise to decide whether to replenish the rate stabilization reserve, if it is low, or increase the capital SOGR reserve for additional capital projects. According to Peel finance by-laws, the balance of the Rate Stabilization Reserve - Utility shall be maintained within a range of a minimum of 5% and a maximum of 10% of the Total Budget for programs funded from utility charge collections.

The reserve is projected to have sufficient funds to manage the operational needs for the water and wastewater services.

5.3 Corporate Asset Management

Although Capital Plan has proven itself adequate in the past, much longer range modeling is required to assess the more complex long-term challenges ahead and to mitigate against sudden and significant rate increase and/or major debt financing.

Peel's management recognizes that the key to improving infrastructure and reserve planning is more robust asset management. In 2008 Peel initiated Corporate Asset Management (CAM) approach, the objective of which is to develop strategies to:

- standardize asset management practices across the organization;
- assess the current and future state of Peel's asset and reserves;
- prioritize infrastructure needs across the organization;
- perform optimized infrastructure and financial planning;
- maximize the performance of Peel's assets to meet required levels of services at the lowest overall costs.

The framework has been well developed and major components have been identified such as service level, infrastructure risk profiles, asset components, corporate standard for asset

management and required funding for sustainability. The implementation of this approach rolled out across the organization in 2011. Recognizing the combined impacts of expansion and aging of the water infrastructure and maintenance and construction costs, Peel focuses on incorporating both asset management best practices and long-term planning. This allows Peel to sustain its drinking water infrastructure while minimizing exposure to financing risks and will continue to position Peel in ensuring long term sustainability of this essential public infrastructure.

Assessment and reporting of Peel's infrastructure relies on the data, asset levels of service and risk tolerances provided by Program staff. The Programs are accountable for management of the asset data, updating rehabilitation and replacement unit costs and monitoring/maintaining the asset levels of service necessary to ensure adequate service delivery at reasonable levels of risk.

CAM Section utilizes the information it requires from the Programs to model the state of the infrastructure and forecast the asset needs and costs to maintain state of good repair. The results of the modeling exercise are reviewed with the Program's stakeholders and reported annually in the Infrastructure Stewardship Report.

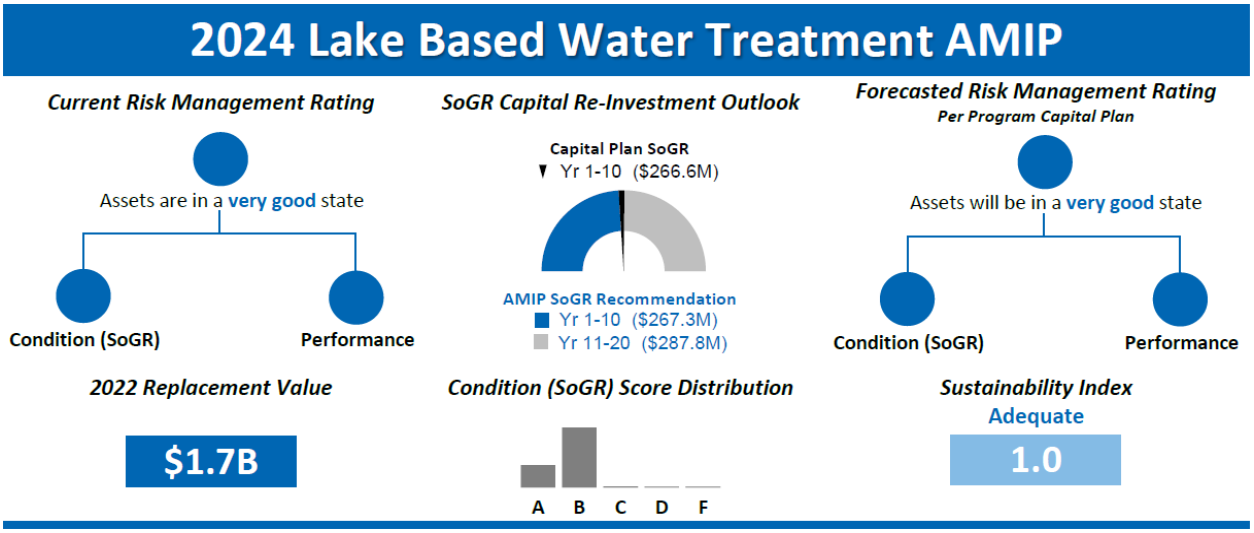
The water infrastructure has a very high score in meeting its condition and performance targets which is necessary for the delivery of safe drinking water. Proactive water main replacement programs have kept the water system reliable for homes and industries. Inspection programs are being initiated to assess Peel's most critical watermains. Presented below is the snapshot of 2024 infrastructure status and outlook report for water program.

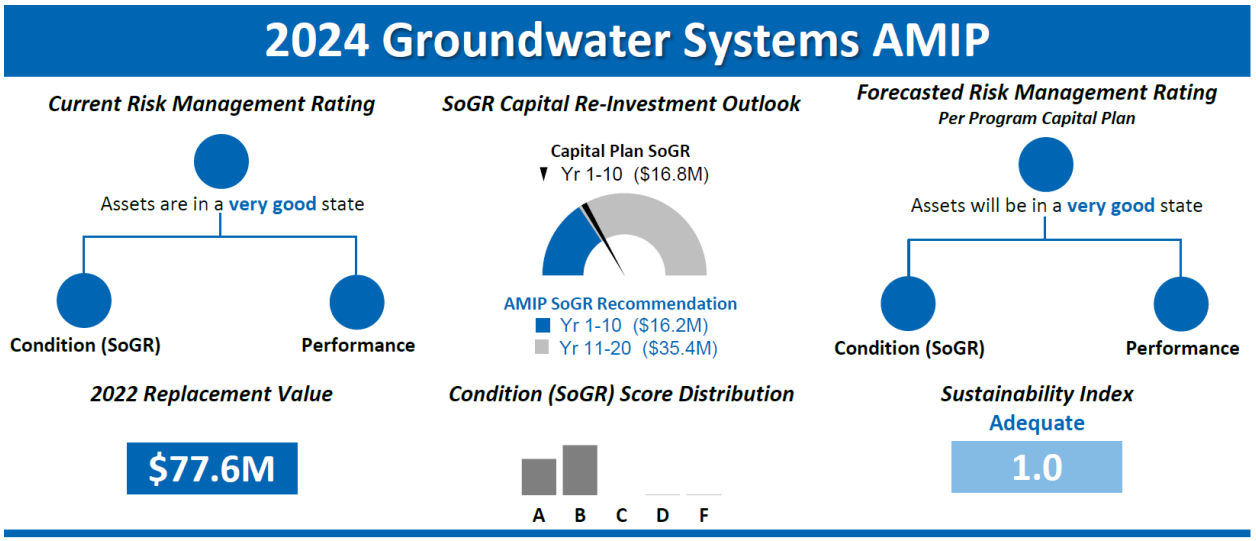
Risk Management Rating Key	
Very Good	Almost all assets in the portfolio are achieving the desired targets
Good	Most assets in the portfolio are achieving the desired targets
Fair	Many assets in the portfolio are not achieving the desired targets
Poor	Most assets in the portfolio are not achieving the desired targets
Very Poor	Almost all assets in the portfolio are not achieving the desired targets

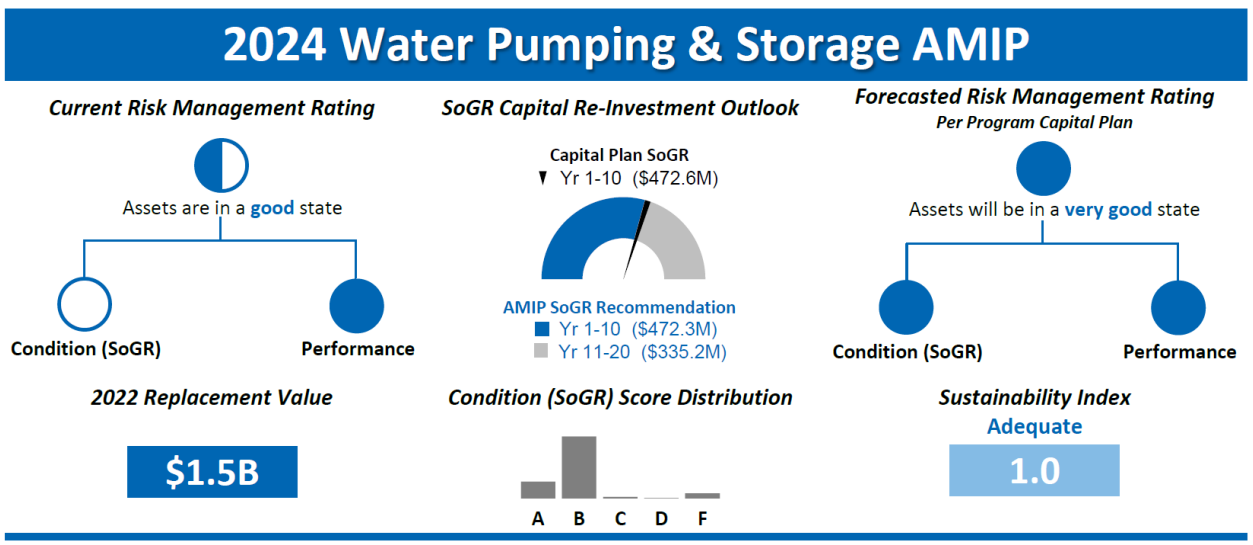
Condition (SoGR) Score Distribution: This indicator breaks down the distribution of asset condition across a standardized alpha grading system (A-F). (A = New, B= Good; F = Many critical defects

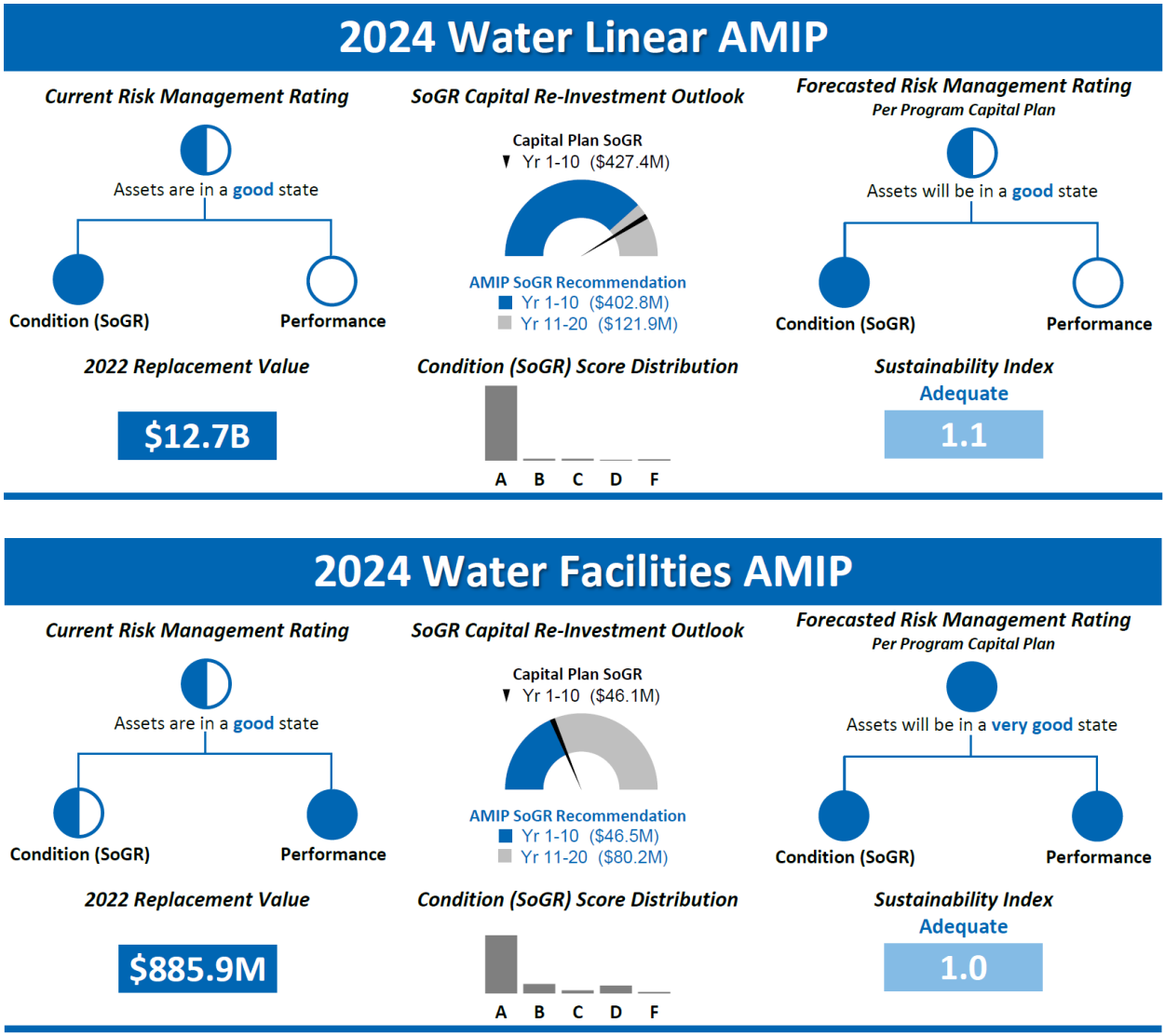
SoGR Capital Re-Investment Outlook: the black need indicates how the SoGR Capital Plan provided by the Programs relates to CAM's recommendations.

Sustainability Index: measure of capital reinvestment in the infrastructure according to predicted asset lifespan and current lifecycle strategies. The closer to "1" the closer the infrastructure is to being fully sustainable.


2024 Lake Based Water Treatment AMIP
Current Risk Management Rating
Assets are in a very good state
Condition (SoGR)
Performance
SoGR Capital Re-Investment Outlook
Capital Plan SoGR
Yr 1-10 ($266.6M)
AMIP SoGR Recommendation
Yr 1-10 ($267.3M)
Yr 11-20 ($287.8M)
Forecasted Risk Management Rating
Per Program Capital Plan
Assets will be in a very good state
Condition (SoGR)
Performance
2022 Replacement Value
$1.7B
Condition (SoGR) Score Distribution
A B C D F
Sustainability Index
Adequate
1.0


2024 Groundwater Systems AMIP
Current Risk Management Rating
Assets are in a very good state
Condition (SoGR)
Performance
SoGR Capital Re-Investment Outlook
Capital Plan SoGR
Yr 1-10 ($16.8M)
AMIP SoGR Recommendation
Yr 1-10 ($16.2M)
Yr 11-20 ($35.4M)
Forecasted Risk Management Rating
Per Program Capital Plan
Assets will be in a very good state
Condition (SoGR)
Performance
2022 Replacement Value
$77.6M
Condition (SoGR) Score Distribution
A B C D F
Sustainability Index
Adequate
1.0


2024 Water Pumping & Storage AMIP
Current Risk Management Rating
Assets are in a good state
Condition (SoGR)
Performance
SoGR Capital Re-Investment Outlook
Capital Plan SoGR
Yr 1-10 ($472.6M)
AMIP SoGR Recommendation
Yr 1-10 ($472.3M)
Yr 11-20 ($335.2M)
Forecasted Risk Management Rating
Per Program Capital Plan
Assets will be in a very good state
Condition (SoGR)
Performance
2022 Replacement Value
$1.5B
Condition (SoGR) Score Distribution
A B C D F
Sustainability Index
Adequate
1.0



6. IMPACT OF BILL 23

In 2023 the Utility Program in the Region of Peel have invested significant time and expertise in the assessment of infrastructure expansion required to service the Province's Bill 23 – *More Home Built Faster Act*. Subsequent to the Act the local municipalities endorsed alignment to the Act in March of 2023 with an anticipated growth plan of 246,000 homes by 2031. The advanced growth planned under the Act will place significant pressure on the Utility in the next 8 years to plan, design and construct infrastructure to service a growth rate 20 years faster than that proposed under the Region's 2051 Official Plan.

The 2024 Capital Plan was developed with consideration of Bill 23 to develop an appropriate 10-year Capital Budget in accordance with Growth Management and lifecycle asset

management practices and meet budget preparation and construction timelines and investing in design to address short term readiness for advance growth.

The 2031 accelerated housing targets associated with Bill 23 will impact the Region's ability to provide infrastructure to support growth in a timely manner and will increase financial and regulatory risk, as it will many other municipalities across Ontario. Staff await further details on Bill 23 to clarify the extent of the DC reductions and exemptions at which time more detailed analysis on the impacts of Bill 23 will be undertaken.

Kealy Dedman

Commissioner of Public Works

Region of Peel

Davinder Valeri

Chief Financial Officer and Commissioner of Corporate Services,

Region of Peel

Appendix I Projected Statement of Financial Positions

REGIONAL MUNICIPALITY OF PEEL-

Projected Statement of Financial Position

(All Dollars in $000)

Note: This finanical statement is part of the requirements by the Financial Plan Regulation (O.Regulation 435/07). The regulation recognizes that some financial information may be consolidated on a municipal level across numerous departments and it may be difficult for

	2024(E)	2025(E)	2026(E)	2027(E)	2028(E)	2029(E)
ASSETS						
Financial Assets						
Cash and Cash equivalents						
Account Receivables						
Water Billings				N/A*		
User Fees						
Investement Income						
Long-term Investement						
Gross Financial Assets						
LIABILITIES						
Account Payable						
Deferred Revenue-Development Charges				N/A*		
Employee Benefits and Other Liabilities						
Long-Term Debt						
Total Liabilities						
NET FINANCIAL ASSETS						
Non-Financial Assets						
Tangible Capital Assets	5,319,673	5,383,151	5,672,558	6,276,380	7,160,138	8,226,420
Inventory						
Prepaid Expenses				N/A*		
TOTAL NET ASSETS						

In 000s	2024(E)	2025(E)	2026(E)	2027(E)	2028(E)	2029(E)
CHANGES IN TANGIBLE CAPITAL ASSETS						
Opening Balance	5,365,849	5,365,849	5,383,151	5,672,558	6,276,380	7,160,138
Addition	63,972	128,609	406,646	727,850	1,013,829	1,200,295
Donations	-	-	-	-	-	-
Write downs	-	-	-	-	-	-
Disposals	-	-	-	-	-	-
Depreciation Expense	(110,148)	(111,307)	(117,239)	(124,028)	(130,071)	(134,013)
Ending Balance	5,319,673	5,383,151	5,672,558	6,276,380	7,160,138	8,226,420

Level of Details related to the replacement of lead service pipes

The new addition includes the amount set aside to replace aging infrastructure, including cast iron lead-joint watermain and associated services to the property

APPENDIX II PROJECTED STATEMENT OF FINANCIAL ACTIVITIES

REGIONAL MUNICIPALITY OF PEEL-Drinking Water System

Projected Statement of Financial Activities

(All Dollars in $000)

Note: This finanical statement is part of the requirements by the Financial Plan Regulation (O.Regulation 435/07). The regulation recognizes that some financial information may be consolidated on a municipal level across numerous departments and it may be difficult for that information to be allocated to the drinking-water system. "N/A" below is left intentionally due to the fact that the financial system in Peel Region currently doesn't facilitate further breakdown.

	2024(E)	2025(E)	2026(E)	2027(E)	2028(E)	2029(E)
REVENUES						
Peel Water Billings	(315,442)	(334,601)	(354,821)	(376,795)	(394,693)	(413,709)
Other Billings	(22,737)	(23,783)	(24,354)	(24,817)	(26,910)	(27,695)
Total Revenue	**(338,179)**	**(358,384)**	**(379,175)**	**(401,612)**	**(421,603)**	**(441,404)**
EXPENDITURES						
Operating Expenditures	133,067	137,767	142,067	147,016	152,155	156,347
Reserve Contributions	205,112	220,617	237,108	254,596	269,448	285,057
Interest Expenditures	-	-	-	-	-	-
Other Expenditures	-	-	-	-	-	-
Total Expenditures before Amortization	**338,179**	**358,384**	**379,175**	**401,612**	**421,603**	**441,404**
ANNUAL SURPLUS/DEFICIT BEFORE AMORTIZATION	-	-	-	-		-
Accumulated Surplus/Deficit before Amortization	-	-	-	-		-
Annual Amortization Expenses	**(110,148)**	**(111,307)**	**(117,239)**	**(124,028)**	**(130,071)**	**(134,013)**

APPENDIX III PROJECTED STATEMENT OF CHANGES IN FINANCIAL POSITION

REGIONAL MUNICIPALITY OF PEEL-Drinking Water System

Projected Statement of Changes in Financial Position

(All Dollars in $000)

Note: This finanical statement is part of the requirements by the Financial Plan Regulation (O.Regulation 435/07). The regulation recognizes that some financial information may be consolidated on a municipal level across numerous departments and it may be difficult for that information to be allocated to the drinking-water system. "N/A" below is left intentionally due to the fact that the financial system in Peel Region currently doesn't facilitate further breakdown.

	2024(E)	2025(E)	2026(E)	2027(E)	2028(E)	2029(E)
OPERATIONS						
Increase in Net Financial Resources						
Uses						
Increase in Accounts Receivable						
Decrease in Accountable Payable			N/A*			
Decrease in Deferred Revenue-Development Ch						
Sources						
Decrease in Account Receivable						
Increase in Account Payable			N/A*			
Increase in Employee Benefits and Other Liabilitie						
Net Change in Cash from Operations						
CAPITALS						
Increase in Net Tangible Captial Asset						
Uses						
Cash to construct/acquire captial asset						
Sources			N/A*			
Cash Proceeds from capital disposal						
Net Change in Cash from Capitals						
INVESTMENTS						
(Increase) Decrease in Net Investment			N/A*			
FINANCING						
Increase/Decrease in Net Debt			N/A*			
Net Change in Cash and Cash Equivalents						
Opening Cash and Cash Equivalents			N/A*			
Closing Cash and Cash Equivalents						

APPENDIX IV WATER 10 YEAR CAPITAL PLAN

2024 TEN YEAR CAPITAL PROGRAM ($'000)

Project	Name	Description	2024	2025	2026	2027	2028	Years 6-10	Gross
121420	Rehabilitation and Upgrade of the Queensway Sub-Transmission Main	Rehabilitation and upgrade of the Queensway Sub-Transmission Main to provide additional east-west transfer capacity in Pressure Zone 2.	4,000	11,000	0	0	0	0	**15,000**
131347	System Improvements in Southwest Mississauga	Implementation of system improvements in southwest Mississauga to improve water quality and reliability and to improve residual pressure for customers.	0	5,000	0	0	0	0	**5,000**
141240	East Brampton Transmission Main Twinning	Construction of a 1500-mm transmission main from the Beckett-Sproule Pumping Station to the East Brampton Reservoir.	56,000	0	0	11,315	0	0	**67,315**
141256	Williams Parkway Sub-Transmission Main	Construction of a 900-mm Pressure Zone 5 Central sub-transmission main from Dixie Road to the West Brampton Pumping Station.	0	106,000	82,500	0	0	0	**188,500**
141257	Central Brampton Sub-Transmission Main	Construction of a Pressure Zone 5 Central sub-transmission main from the Beckett-Sproule Pumping Station to the East Brampton Pumping Station.	50,000	0	0	9,276	0	0	**59,276**

141377	750-mm Water Main - Creditivew Road - Rehabilitation	Rehabilitation of the 750-mm water main on Creditview Road. Design in 2024.	2,000	15,000	0	0	0	0	**17,000**
181184	600-mm Water Main - Hurontario Street	Construction of a 600-mm water main on Hurontario Street from Collingwood Avenue to Dougall Avenue. Additional funds.	0	15,000	0	0	0	0	**15,000**
181357	600-mm Water Main Replacement - Queen Street West	Replacement of the existing water main from Mill Street South to Haggert Avenue South in downtown Brampton.	6,000	0	0	0	0	0	**6,000**
181394	Queen Elizabeth Way Widening (Cawthra to East Mall) - Water Impacts	Replacement or relocation of water mains in conjunction with the widening of the Queen Elizabeth Way.	2,200	0	0	0	0	0	**2,200**
191120	750-mm Water Main - Lakeshore Road West	Construction of a 750-mm water main on Lakeshore Road West from the Lorne Park Water Treatment Plant to Elmwood Avenue.	44,000	0	0	0	0	0	**44,000**
191156	750-mm Water Main - Centre Street	Construction of a 750-mm water main on Centre Street from Williams Parkway to John Street.	59,000	0	0	0	0	0	**59,000**
191189	400-mm Water Main - Old School Road	Construction of a 400-mm water main on Old School Road from Heart Lake Road to Dixie Road.	0	2,760	0	0	0	0	**2,760**
191917	Security Improvements at Lake-Based Water Facilities	Implementation of security improvements at various lake-based and groundwater-based facilities.	1,200	0	0	0	0	0	**1,200**

201175	400-mm Water Main - Future Street (Highway 427 Industrial)	Construction of a 400-mm water main on a future street from Highway 50 to Coleraine Drive. In conjunction with the new A2 Road.	0	0	0	1,304	0	0	**1,304**
201843	Groundwater Well Facilities - Ultraviolet Disinfection	Installation of ultraviolet disinfection at six of the groundwater well facilities in Caledon.	0	3,400	3,400	0	0	0	**6,800**
211015	Water Enterprise Asset Management Implementation Program	Funding the implementation of the water enterprise asset management system and other costs related to asset management maturity.	2,200	2,800	2,100	0	0	0	**7,100**
211430	2100-mm Beckett Sproule Transmission Main - Rehabilitation	Rehabilitation of the 2100-mm Beckett Sproule Transmission Main to repair defects introduced during construction of the water main. Additional funds.	0	3,000	0	0	0	0	**3,000**
211923	A.P. Kennedy Water Treatment Plant - Treated Water Reservoir Expansion	Construction of a new 35-million-litre treated water reservoir at the A.P. Kennedy Water Treatment Plant. Design in 2024.	20,000	0	148,000	0	0	0	**168,000**
211951	Snelgrove Elevated Tank - Decommissioning	Decommissioning of the Snelgrove Elevated Tank before the Victoria Reservoir and Transmission Main are in service.	4,000	0	0	0	0	0	**4,000**

211974	Beckett Sproule Transfer Pumping Station - Capacity Expansion	Installation of additional transfer pumping capacity at the Beckett Sproule Pumping Station. Approximately 71% funded by York Region.	7,875	0	0	0	0	0	**7,875**
211978	Beckett Sproule Pumping Station - Improvements and Upgrades	Construction of improvements and upgrades at the Beckett Sproule Pumping Station.	27,400	0	0	0	0	0	**27,400**
221125	900-mm/600-mm Water Main - Easement/Rangeview Road (Inspiration Lakeview)	Construction of a 900-mm/600-mm water main in an easement and on Rangeview Road from the A.P. Kennedy Water Treatment Plant to Lakefront Promenade.	0	11,642	0	0	0	0	**11,642**
221161	750-mm Water Main - Goreway Drive	Construction of a 750-mm water main on Goreway Drive from Intermodal Drive to Steeles Avenue East.	19,970	0	0	0	0	0	**19,970**
221302	Valve Rehabilitation and Replacement Program	Rehabilitation and replacement program for large diameter valves in the lake-based water distribution system. Additional funds.	10,000	0	0	0	0	0	**10,000**
221306	Water Distribution System Pressure Loggers	Refurbishment and installation of new pressure loggers in the water distribution system. Additional funds.	500	0	0	0	0	0	**500**
221539	Standby Power Facility Assessment	Review of water facilities to refine list of upgrades identified in the 2019 Standby Power Study.	100	0	0	0	0	0	**100**

221832	Palgrave - New Groundwater Well	Construction of a new municipal groundwater well in Palgrave to service future development in Palgrave Village and Palgrave Estates. Design in 2023.	4,000	6,500	0	0	0	0	**10,500**
221924	A.P. Kennedy Water Treatment Plant - Lake Ontario Monitoring System	Installation of a system to monitor lake currents at the A.P. Kennedy Water Treatment Plant under the Lake Ontario Collaborative Group.	2,850	0	0	0	0	0	**2,850**
221934	Lorne Park Water Treatment Plant - Lake Ontario Monitoring System	Installation of a system to monitor lake currents at the Lorne Park Water Treatment Plant under the Lake Ontario Collaborative Group.	2,850	0	0	0	0	0	**2,850**
221936	Lorne Park Water Treatment Plant - Electrical Upgrades	Implementation of various electrical upgrades at the Lorne Park Water Treatment Plant.	300	400	0	0	0	0	**700**
221979	Dixie Road Booster Pumping Station - Decommissioning	Decommissioning of the Dixie Road Booster Pumping Station.	500	0	0	0	0	0	**500**
221986	Meadowvale North Pumping Station Expansion - Transient Protection	Expansion of the Meadowvale North Pumping Station with the construction of a new hydro-pneumatic air chamber (HAC) for transient protection.	0	0	16,600	0	0	0	**16,600**

221987	North Brampton Pumping Station Expansion - Transient Protection	Expansion of the North Brampton Pumping Station with the construction of a new hydro-pneumatic air chamber (HAC) for transient protection. Design in 2024.	2,650	0	17,650	0	0	0	**20,300**
221988	Airport Road Pumping Station Expansion - Transient Protection	Expansion of the Airport Road Pumping Station with the construction of a new hydro-pneumatic air chamber (HAC) for transient protection.	0	0	17,650	0	0	0	**17,650**
221991	Bulk Water Filling Stations - Improvements and Upgrades	Improvements and upgrades for various bulk water filling stations in the Region of Peel.	1,000	0	0	0	0	0	**1,000**
221992	Hanlan West Pumping Station	Construction of a new pumping station with a logistics, training and storage facility.	0	6,500	0	0	0	0	**6,500**
231016	Water Enterprise Asset Management Implementation Program for OCWA	Funding the implementation of the water enterprise asset management system for OCWA and other costs related to asset management maturity.	450	0	100	100	100	0	**750**
231127	600-mm Water Main - Derry Road East	Construction of a 600-mm water main on Derry Road East from Dixie Road to Goreway Drive.	0	27,192	0	0	0	0	**27,192**
231160	600-mm Water Main - Queen Street East (Bram East)	Construction of a 600-mm water main on Queen Street East from Cherrycrest Drive to the Gore Road.	0	6,381	0	0	0	0	**6,381**

231162	400-mm Water Main - Queen Street East (Bram East)	Construction of a 400-mm water main on Queen Street East from The Gore Road to Highway 50.	0	1,613	0	0	0	0	**1,613**
231174	600-mm Water Main - Clarkway Drive (Highway 427 Industrial)	Construction of a 600-mm water main on Clarkway Drive from Mayfield Road to Countryside Drive.	6,390	0	0	0	0	0	**6,390**
231195	400-mm Water Main - Humber Station Road (Bolton West)	Construction of a 400-mm water main on Humber Station Road from a future street north of Mayfield Road to Healey Road. Design in 2024.	6,594	0	0	0	0	0	**6,594**
231196	400-mm Water Main - Humber Station Road (Bolton West)	Construction of a 400-mm water main on Humber Station Road from Mayfield Road to 1450 metres northerly.	6,743	0	0	0	0	0	**6,743**
231227	Queensway Sub-Transmission Main Extension	Construction of a 900-mm/1500-mm sub-transmission main from Haines Road to Dixie Road.	0	42,060	0	0	0	0	**42,060**
231310	Replacement of Water Mains in Mississauga	Replacement of water mains, system improvements and looping of dead-end mains in Mississauga to improve water quality and reliability of the distribution system.	10,000	0	0	0	0	0	**10,000**

231340	Replacement of Water Mains in Brampton	Replacement of water mains, system improvements and looping of dead-end mains in Brampton to improve water quality and reliability of the distribution system.	6,000	0	0	0	0	0	**6,000**
231424	1500-mm Streetsville Transmission Main - Rehabilitation	Rehabilitation of the 1500-mm Streetsville Transmission Main.	4,000	0	0	0	0	0	**4,000**
231526	Groundwater Well Structural Casing Analysis	Structural assessment and integrity analysis of municipal groundwater well casings to meet the enhanced requirements of the Ministry of the Environment, Conservation and Parks.	100	0	0	0	0	0	**100**
231527	Feasibility Study for New Groundwater Sources	Feasibility study to investigate new sources of groundwater for Caledon East, Palgrave and Inglewood.	250	0	0	0	0	0	**250**
231830	Caledon East - New Groundwater Well	Construction of a new municipal groundwater well in Caledon East to service future development. Design in 2023.	0	0	9,620	0	0	0	**9,620**
231942	West Caledon Elevated Tank	Construction of a new 10-million-litre elevated tank in the vicinity of Mississauga Road and Old School Road. Design in 2024.	2,700	0	17,900	0	0	0	**20,600**
231975	Water Pumping Station Flow Meter Replacement	Replacement of flow meters at various water pumping stations in Peel.	360	0	0	0	0	0	**360**

231983	Cellular Repeater Installation at the Water Treatment Plants	Installation of cellular repeaters at the water treatment plants for health and safety to provide cellular signal in tunnels and other dead spots.	3,960	0	0	0	0	0	**3,960**
241000	Unallocated Funds for the Water Program	Funding available for unforeseen, unplanned or emergency water-related works valued under $250,000.	1,000	1,000	1,000	1,000	1,000	5,000	**10,000**
241002	Easement Acquisition for Existing Water Infrastructure	Funding for the acquisition of easements for existing water infrastructure.	100	100	100	100	100	500	**1,000**
241109	MTSA Water Capacity Improvements	Design for water capacity improvements to service MTSAs across the Region of Peel.	10,000	0	0	0	0	0	**10,000**
241130	750-mm Water Main - Bovaird Drive West (Heritage Heights)	Construction of a 750-mm water main on Bovaird Drive West from Mississauga Road to Heritage Road. Design in 2024.	1,870	0	8,781	0	0	0	**10,651**
241157	400-mm Water Main - Queen Street East	Construction of a 400-mm water main on Queen Street East from the west side of Highway 410 to Kennedy Road. Design in 2024.	2,998	16,485	0	0	0	0	**19,483**
241170	750-mm Water Main - Countryside Drive (Highway 427 Industrial)	Construction of a 750-mm water main on Countryside Drive from The Gore Road to Clarkway Drive. Design in 2024.	1,245	6,017	0	0	0	0	**7,262**

241171	600-mm Water Main - Countryside Drive (Highway 427 Industrial)	Construction of a 600-mm water main on Countryside Drive from Clarkway Drive to the future north-south road. Design in 2024.	940	4,378	0	0	0	0	**5,318**
241176	400-mm Water Main - Countryside Drive (Highway 427 Industrial)	Construction of a 400-mm water main on Countryside Drive from Coleraine Drive to the future A2 road. Design in 2024.	343	1,588	0	0	0	0	**1,931**
241180	750-mm Water Main - Mississauga Road/Old School Road	Construction of a 750-mm water main on Mississauga Road and Old School Road from the future West Caledon Elevated Tank to Chinguacousy Road. Design in 2024.	2,639	0	12,224	0	0	0	**14,863**
241182	600-mm Water Main - Chinguacousy Road	Construction of a 600-mm water main on Chinguacousy Road from Old School Road to 2080 metres southerly. Design in 2024.	2,173	0	9,613	0	0	0	**11,787**
241183	600-mm Water Main - Airport Road (Tullamore)	Construction of a 600-mm water main on Airport Road from Mayfield Road to 1300 metres northerly. Design in 2024.	773	0	3,490	0	0	0	**4,263**
241185	600-mm Water Main - Mississauga Road (Alloa)	Construction of a 600-mm water main on Mississauga Road from Mayfield Road to 1600 metres northerly. Design in 2024.	1,071	0	4,737	0	0	0	**5,808**

241187	400-mm Water Main - McLaughlin Road (Mayfield West Phase 3)	Construction of a 400-mm water main on McLaughlin Road from Old School Road to the south side of the Etobicoke Creek. Design in 2024.	489	0	2,303	0	0	0	**2,792**
241188	400-mm Water Main - Creditview Road (Alloa)	Construction of a 400-mm water main on Creditview Road from Mayfield Road to 1600 metres northerly. Design in 2024.	711	0	3,146	0	0	0	**3,858**
241190	600-mm Water Main - King Street (West Bolton)	Construction of a 600-mm water main on King Street from the future North Bolton Booster Pumping Station to Humber Station Road. Design in 2024.	1,302	0	5,758	0	0	0	**7,059**
241191	North Bolton Water Distribution System Capacity Improvements	Construction of new water mains on Emil Kolb Parkway, Highway 50 and Columbia Way to service future development in north Bolton. Design in 2024.	3,914	0	20,454	0	0	0	**24,368**
241192	400-mm Water Main - Healey Road	Construction of a 400-mm water main on Healey Road from Innis Lake Road to Humber Station Road. Design in 2024.	2,194	0	12,016	0	0	0	**14,211**
241193	600-mm Water Main - The Gore Road	Construction of a 600-mm water main on The Gore Road from Mayfield Road to Healey Road. Design in 2024.	2,471	0	13,534	0	0	0	**16,006**

241194	600-mm Water Main - Humber Station Road and Future Street (Bolton West)	Construction of a 600-mm on a Humber Station Road and a future street from Healey Road to the West Bolton Elevated Tank. Design in 2024.	1,127	0	5,125	0	0	0	**6,252**
241197	400-mm Water Main - Innis Lake Road	Construction of a 400-mm water main on Innis Lake Road from the Tullamore Pumping Station to Healey Road. Design in 2024.	1,257	0	5,561	0	0	0	**6,819**
241198	300-mm Water Main - Healey Road (Bolton)	Construction of a 300-mm water main on Healey Road from Coleraine Drive to Humber Station Road.	2,032	0	0	0	0	0	**2,032**
241266	North Bolton Transmission Main	Construction of a 1500-mm transmission main from King Street to the North Bolton Booster Pumping Station. Design in 2024.	1,133	0	5,013	0	0	0	**6,147**
241267	Healey Road Sub-Transmission Main (Phase 1)	Construction of a750-mm water main on Healey Road from Coleraine Drive to Humber Station Road.	8,217	0	0	0	0	0	**8,217**
241268	Healey Road Sub-Transmission Main (Phase 2)	Construction of a 900-mm water main on Healey Road from Innis Lake Road to Humber Station Road. Design in 2024.	4,214	0	23,299	0	0	0	**27,513**
241269	Innis Lake Road Sub-Transmission Main	Construction of a 1200-mm water main on Innis Lake Road from the Tullamore Pumping Station to Healey Road. Design in 2024.	2,892	0	16,009	0	0	0	**18,901**

241270	West Caledon Transmission Main	Construction of a 750-mm transmission main from the Alloa Pumping Station to the future West Caledon Elevated Tank. Design in 2024.	6,370	0	18,042	0	0	0	**24,413**
241300	Water Distribution System - Major Maintenance	Funding for major maintenance of the Region of Peel's water distribution system.	2,100	2,100	2,100	2,100	2,100	10,500	**21,000**
241302	Valve Rehabilitation and Replacement Program	Rehabilitation and replacement program for large diameter valves in the lake-based water distribution system.	5,000	5,000	5,000	5,000	5,000	25,000	**50,000**
241303	Design for the Replacement of Water Mains in Peel	Funding for the design of water main replacement projects in the Region of Peel for the following year to facilitate on-time construction.	4,000	4,000	4,000	4,000	4,000	20,000	**40,000**
241305	Water Distribution System - Condition Assessment Program	Inspection and condition assessment program for the lake-based water distribution system.	300	300	300	300	300	1,500	**3,000**
241310	Replacement of Water Mains in Mississauga	Replacement of water mains, system improvements and looping of dead-end mains in Mississauga to improve water quality and reliability of the distribution system.	18,000	15,000	15,000	15,000	15,000	75,000	**153,000**

241340	Replacement of Water Mains in Brampton	Replacement of water mains, system improvements and looping of dead-end mains in Brampton to improve water quality and reliability of the distribution system.	16,000	6,500	6,500	6,500	6,500	32,500	**74,500**
241370	Replacement of Water Mains in Caledon	Replacement of water mains, system improvements and looping of dead-end mains in Caledon to improve water quality and reliability of the distribution system.	2,000	1,000	1,000	1,000	1,000	5,000	**11,000**
241405	Transmission Main Inspection Program	Inspection and condition assessment program for the lake-based water transmission mains and implementation of real-time monitoring.	3,500	3,500	3,500	3,500	3,500	17,500	**35,000**
241406	Flow Monitoring for the Lake-Based Water Supply System	Installation of flow and pressure monitoring equipment for the lake-based water transmission and distribution systems.	8,000	0	24,000	0	0	0	**32,000**
241407	Major Maintenance for the Water Transmission System	Major maintenance for the lake-based water transmission mains.	3,000	3,000	3,000	3,000	3,000	15,000	**30,000**
241408	Transmission Main Rehabilitation Program	Rehabilitation program for the lake-based water transmission mains.	5,000	9,000	12,000	12,000	12,000	65,000	**115,000**

241419	Transient Protection Program for the Water Transmission Mains	Program to replace existing transient protection on the lake-based transmission mains.	500	500	0	0	0	0	**1,000**
241501	Hydraulic Water Modelling Support	Funding for hydraulic water modelling support for the Division to support day-to-day operations, emergency planning, growth planning and planned shutdowns.	300	300	300	300	300	1,500	**3,000**
241520	Non-Growth-Related Water Infrastructure Planning	Asset management and other non-growth-related studies for the Region's water system.	1,000	1,000	1,000	1,000	1,000	5,000	**10,000**
241525	Groundwater Well Monitoring Program	Implementation of an automated system to collect real-time groundwater data for our well-based systems.	300	300	300	300	300	1,500	**3,000**
241530	Development-Related Water Infrastructure Planning	Funding for water infrastructure planning and studies related to new development. Budget increase required to support accelerated growth due to Bill 23.	2,250	2,250	2,250	2,250	2,250	11,250	**22,500**
241531	Water Resources Support to Water Capital Projects	Funding to support water capital projects for any issues related to water resources.	150	150	150	150	150	750	**1,500**
241532	Source Water Protection	Funding for various activities related to source water protection, including wellhead protection area delineation, risk management, modelling, threats verification and climate change assessments.	300	300	300	300	300	1,500	**3,000**

241540	Water and Wastewater Operations and Optimization Studies	Various studies and investigations related to the efficient operation and optimization of Peel's water and wastewater treatment plants.	500	500	500	500	500	2,500	**5,000**
241541	Review of Treatment Technologies for the Removal of Contaminants of Concern	Study to complete and engineering review of treatment technologies for the removal of contaminants of emerging concern.	300	0	0	0	0	0	**300**
241565	Meadowvale North Transmission Main - Class Environmental Assessment	Class Environmental Assessment for a new 1800-mm transmission main from the Streetsville Pumping Station to the Meadowvale North Reservoir.	1,500	0	0	0	0	0	**1,500**
241566	Streetsville Transmission Main - Class Environmental Assessment	Class Environmental Assessment for a 2100-mm new transmission main from the Herridge Pumping Station to the Streetsville Reservoir.	1,500	0	0	0	0	0	**1,500**
241590	External Agency Project Impacts on Water Infrastructure	Various studies, investigations and pre-design related to the impacts of external agency projects in Peel's water infrastructure.	100	100	100	100	100	500	**1,000**
241805	Groundwater Systems - Major Maintenance and Equipment Replacement	Funding for planned major maintenance and equipment replacement for the groundwater systems.	750	1,000	1,000	1,000	1,250	10,750	**15,750**

241810	Groundwater Systems - Condition Assessment Program	Condition assessment of facilities that are part of the groundwater systems and development of a maintenance plan.	100	100	100	100	100	500	**1,000**
241902	Transmission Facilities - Condition Assessment Program	Condition assessment of the lake-based transmission facilities and development of a maintenance plan.	100	100	100	100	100	500	**1,000**
241903	Transmission Facilities - Major Maintenance and Equipment Replacement	Funding for planned major maintenance and equipment replacement at the lake-based pumping stations, reservoirs and elevated tanks.	2,300	3,150	3,150	3,150	3,150	15,750	**30,650**
241906	A.P. Kennedy Water Treatment Plant - Major Maintenance and Equipment Replacement	Funding for planned major maintenance and equipment replacement at the A.P. Kennedy Water Treatment Plant.	2,700	2,300	2,300	2,300	2,300	11,500	**23,400**
241907	Lorne Park Water Treatment Plant - Major Maintenance and Equipment Replacement	Funding for planned major maintenance and equipment replacement at the Lorne Park Water Treatment Plant.	1,700	1,250	1,250	1,250	1,250	6,250	**12,950**
241908	Water Treatment Research and Innovation	Funding for collaborative research and innovation projects to improve the efficiency and effectiveness of treatment operations for the lake-based water system.	350	350	350	350	350	1,750	**3,500**

241909	Replacement of Membrane Filters at the A.P. Kennedy Water Treatment Plant	Replacement program for the membrane filters at the A.P. Kennedy Water Treatment Plant.	9,700	0	0	21,950	0	21,000	**52,650**
241913	Lake Ontario Water Quality Monitoring Program	Funding for the ongoing management, operation and maintenance of the Lake Ontario water quality monitoring program under the Lake Ontario Collaborative Group (LOCG).	755	755	755	755	755	3,775	**7,550**
241915	Reservoir Rehabilitation and Improvement Program	Program to rehabilitate and upgrade various reservoirs in the lake-based water supply system.	750	750	750	0	0	0	**2,250**
241920	A.P. Kennedy Water Treatment Plant - Condition Assessment Program	Condition assessment of the A.P. Kennedy Water Treatment Plant and development of a maintenance plan.	200	200	200	200	200	1,000	**2,000**
241921	A.P. Kennedy Water Treatment Plant - OBM1 Process Upgrades	Upgrades to the boiler system and chemical cleaning systems in the OBM1 treatment process at the A.P. Kennedy Water Treatment Plant. Design in 2024.	2,000	5,000	0	0	0	0	**7,000**
241928	Water Treatment Research and Pilot Facility	Construction of a 1:1000 scale fully functional replica of the treatment processes at the lake-based water treatment plants. Design in 2024.	750	5,000	0	0	0	0	**5,750**
241930	Lorne Park Water Treatment Plant - Condition Assessment Program	Condition assessment of the Lorne Park Water Treatment Plant and development of a maintenance plan.	150	150	150	150	150	750	**1,500**

241969	North Bolton Booster Pumping Station	Construction of a new booster pumping station in the vicinity of King Street and Emil Kolb Parkway. Design in 2024.	1,830	0	5,250	0	0	0	**7,080**
241980	Water and Wastewater Training and Logistics Facility	Construction of a new water and wastewater training and logistics facility at 341 Heart Lake Road South, in conjunction with Real Property Asset Management (RPAM).	10,000	0	0	0	0	0	**10,000**
241981	Improvements to Automation Equipment at the Water Facilities	Funding for various improvements and upgrades to the automation equipment at the water treatment plants.	6,110	3,500	5,500	1,500	1,500	7,500	**25,610**
241985	East Brampton Pumping Station - Hydro-Pneumatic Air Chamber	Construction of a new hydro-pneumatic air chamber (HAC) at the East Brampton Pumping Station. Design in 2024.	2,500	0	16,550	0	0	0	**19,050**
251121	750-mm Water Main - Dundas Street East	Construction of a 750-mm water main on Dundas Street East from Tomken Road to Dixie Road. Design in 2025.	0	4,827	0	23,693	0	0	**28,521**
251124	400-mm Water Main - Camilla Road (Downtown Cooksville)	Construction of a 400-mm water main on Camilla Road from Dundas Street East to King Street East. Design in 2025.	0	1,128	0	5,061	0	0	**6,190**
251126	750-mm Water Main - Dundas Street East	Construction of a 750-mm water main on Dundas Street East from Tomken Road to Confederation Parkway. Design in 2025.	0	8,918	0	60,549	0	0	**69,467**

251220	Tomken Road/Haines Road Sub-Transmission Main	Construction of a 900-mm sub-transmission main on Tomken Road, Dundas Street East and Haines Road from the Silverthorn Pumping Station to The Queensway East. Design in 2025.	0	13,966	0	75,530	0	0	**89,496**
251418	1500-mm Herridge Transmission Main - Rehabilitation	Rehabilitation of the 1500-mm Herridge Transmission Main and installation of acoustic fibre optic condition monitoring equipment.	0	2,000	0	7,000	0	0	**9,000**
251423	2400-mm Hanlan Transmission Main - Rehabilitation	Rehabilitation of the 2400-mm Hanlan Transmission Main following completion of rehabilitation work on the 2100-mm Hanlan Transmission Main. Design in 2024.	0	1,500	0	10,000	0	0	**11,500**
251575	A.P. Kennedy Water Treatment Plant Expansion - Class Environmental Assessment	Class Environmental Assessment for the expansion of the A.P. Kennedy Water Treatment Plant.	0	3,000	0	0	0	0	**3,000**
251576	Lorne Park Water Treatment Plant Expansion - Class Environmental Assessment	Class Environmental Assessment for the expansion of the Lorne Park Water Treatment Plant.	0	3,000	0	0	0	0	**3,000**
251831	Inglewood Village - New Groundwater Well	Construction of a new municipal groundwater well in Inglewood to service future development. Design in 2025.	0	1,700	0	11,400	0	0	**13,100**

251911	A.P. Kennedy Water Treatment Plant - Replacement of Granular Activated Carbon	Replacement program for the granular activated carbon filter media used to mitigate taste and odour at the A.P. Kennedy Water Treatment Plant.	0	5,100	5,550	0	0	5,550	**16,200**
251912	Lorne Park Water Treatment Plant - Replacement of Granular Activated Carbon	Replacement program for the granular activated carbon filter media used to mitigate taste and odour at the Lorne Park Water Treatment Plant.	4,200	0	0	4,200	0	0	**8,400**
261123	750-mm Water Main - Atlantic Avenue/Creekbank Road	Construction of a 750-mm water main on Atlantic Avenue and the future extension of Creekbank Road drom Britannia Road East to Sismet Road. Design in 2026.	0	0	3,822	0	17,453	0	**21,274**
261132	400-mm Water Main - Winston Churchill Boulevard	Construction of a 400-mm water main on Winston Churchill Boulevard from Embleton Road to the New Road A. Design in 2026.	0	0	782	0	3,597	0	**4,378**
261133	600-mm Water Main - Future Williams Parkway (Bram West)	Construction of a 600-mm water main on the future extension of Williams Parkway from Heritage Road to Mississauga Road. Design in 2024.	0	0	1,376	0	6,305	0	**7,681**
261134	900-mm Water Main - Heritage Road (Heritage Heights)	Construction of a 900-mm water main on Heritage Road from the West Brampton Pumping Station to Bovaird Drive. Design in 2024.	0	0	2,301	0	10,539	0	**12,841**

261135	600-mm Water Main - Heritage Road (Huttonville North)	Construction of of a 600-mm water main on Heritage Road from Bovaird Drive northerly to a future street. Design in 2026.	0	0	773	0	3,530	0	**4,303**
261136	600-mm Water Main - Heritage Road (Huttonville North)	Construction of a 600-mm water main on Heritage Road from the future extension of Sandalwood Parkway southerly to a future street. Design in 2026.	0	0	649	0	3,201	0	**3,850**
261138	600-mm Water Main - Heritage Road (Bram West)	Construction of a 600-mm water main on Heritage Road from the future extension of Williams Parkway to the New Road A in Bram West. Design in 2024.	0	0	1,738	0	7,908	0	**9,646**
261172	600-mm Water Main - Future A2 Road (Highway 427 Industrial)	Construction of a 600-mm water main on the future A2 road from Countryside Drive to the future east-west road. Design in 2026.	0	0	1,129	0	5,325	0	**6,455**
261189	750-mm Water Main - Old School Road	Construction of a 750-mm water main on Old School Road from Chinguacousy Road to Hurontario Street. Design in 2026.	0	0	2,052	0	9,288	0	**11,340**
261258	Mayfield Road Sub-Transmission Main	Construction of a 900-mm sub-transmission main on Mayfield Road from the North Brampton Reservoir to Innis Lake Road. Design in 2026.	0	0	6,150	0	35,663	0	**41,813**
261503	York-Peel Capital Infrastructure Study	Validation of the replacement costs for the water and wastewater capital infrastructure that are shared by Peel and York Regions.	0	0	100	0	0	100	**200**

261567	North Brampton Transmission Main Twinning - Class Environmental Assessment	Class Environmental Assessment for a new transmission main from the East Brampton Pumping Station to the North Brampton Reservoir.	0	0	1,500	0	0	0	**1,500**
261580	Victoria Pumping Station - Class Environmental Assessment	Class Environmental Assessment for a new pumping station at the Victoria Reservoir.	0	0	1,000	0	0	0	**1,000**
261941	Silverthorn Reservoir Expansion	Expansion of the storage capacity at the Silverthorn facility with the construction of a new reservoir cell. Design in 2026.	0	0	2,200	22,000	0	0	**24,200**
261954	East Brampton Reservoir - Improvements and Upgrades	Improvements and upgrades at the East Brampton Reservoir.	0	0	35,000	0	0	0	**35,000**
261962	West Brampton Pumping Station - Capacity Expansion	Installation of additional high-lift pumping capacity at the West Brampton Pumping Station. Design in 2026.	0	0	280	1,700	0	0	**1,980**
271017	Annual Maintenance of the Enterprise Asset Management System	Funding the ongoing maintenance of the water enterprise asset management system.	0	0	0	1,000	1,000	3,750	**5,750**
271115	Growth-Related Water Mains in the Mississauga City Centre	Construction of various water mains in the Mississauga City Centre to service growth. Design in 2027.	0	0	0	864	0	4,172	**5,036**

271191	400-mm Water Main - Humber Station Road (Bolton West)	Construction of a 400-mm water main on Humber Station Road from a future street north of Healey Road to 1200 metres northerly. Design in 2027.	0	0	0	468	0	2,140	**2,608**
271228	Streetsville Transmission Main	Construction of a 2100-mm transmission main from the Herridge Pumping Station to the Streetsville Reservoir. Design in 2027.	0	0	0	36,502	0	239,318	**275,819**
271229	Meadowvale North Transmission Main	Construction of an 1800-mm transmission main from the Streetsville Pumping Station to the Meadowvale North Reservoir. Design in 2027.	0	0	0	45,491	0	293,132	**338,623**
271568	NewProject!!Please Update	Class Environmental Assessment for a new transmission main from the Beckett Sproule Pumping Station to the Airport Road Reservoir.	0	0	0	1,500	0	0	**1,500**
271569	Tullamore Transmission Main Twinning - Class Environmental Assessment	Class Environmental Assessment for a new transmission main from the Airport Road Pumping Station to the Tullamore Reservoir.	0	0	0	1,500	0	0	**1,500**
271582	Sandhill Transmission Main, Reservoir and Pumping Station - Class Environmental Assessment	Class Environmental Assessment for a new transmission main, reservoir and pumping station in the vicinity of King Street and Innis Lake Road.	0	0	0	3,000	0	0	**3,000**

271964	Tullamore Pumping Station Expansion	Expansion of the Tullamore Pumping Station. Design in 2027.	0	0	0	2,700	0	17,777	**20,477**
271965	Airport Road Reservoir and Pumping Station Expansion	Expansion of the Airport Road Reservoir and Pumping Station. Design in 2027.	0	0	0	6,334	0	52,223	**58,557**
271982	A.P. Kennedy Water Treatment Plant - Standby Power	Upgrade and expansion of the standby power capacity at the A.P. Kennedy Water Treatment Plant. Design in 2027.	0	0	0	1,160	6,620	6,620	**14,400**
271984	Transmission System - Standby Power	Upgrade and expansion of the standby power capacity at various water facilities. Design in 2027.	0	0	0	1,160	6,620	6,620	**14,400**
281259	North Brampton Transmission Main Twinning	Construction of a 1500-mm transmission main on Dixie Road from the East Brampton Pumping Station to the North Brampton Reservoir. Design in 2028.	0	0	0	0	34,310	238,267	**272,577**
281502	Hydraulic Water Model Update	Update and calibration of the Region's hydraulic water model.	0	0	0	0	2,000	2,000	**4,000**
281504	Master Plan for the Lake-Based Water Supply System	Review and update of the Region of Peel's Master Plan for the lake-based water supply system.	0	0	0	0	1,500	1,500	**3,000**
281581	Snelgrove Elevated Tank - Class Environmental Assessment	Class Environmental Assessment for a new elevated tank at the site of the old Snelgrove Elevated Tank.	0	0	0	0	1,500	0	**1,500**

281583	Macville Transmission Main and Elevated Tank - Class Environmental Assessment	Class Environmental Assessment for a new transmission main and elevated tank in the vicinity of King Street and The Gore Road.	0	0	0	0	3,000	0	**3,000**
281925	A.P. Kennedy Water Treatment Plant Expansion	Expansion of the A.P. Kennedy Water Treatment Plant. Design in 2028.	0	0	0	0	40,000	400,000	**440,000**
281963	Victoria Pumping Station	Retrieving data. Wait a few seconds and try to cut or copy again.	0	0	0	0	2,000	13,021	**15,021**
281995	Future Transient Protection Projects at the Lake-Based Water Facilities	Funding for future transient protection projects at the lake-based water facilities in the sixth year or later of the Region's capital plan for the Water Program.	0	0	0	0	8,470	58,600	**67,070**
291199	Future Growth-Related Distribution Water Main Projects (Capital)	Funding for growth-related distribution water main projects in the sixth year or later of the Region's capital plan for the Water Program that are managed by Capital Works.	0	0	0	0	0	146,633	**146,633**
291299	Future Transmission System Projects	Funding for transmission system projects in the sixth year or later of the Region's capital plan for the Water Program.	0	0	0	0	0	1,442,120	**1,442,120**
291395	Future System Improvements to Address Low Pressure Issues	Allocation of funding for system improvements to address low pressure issues in the Region of Peel.	0	0	0	0	0	54,549	**54,549**

291599	Future Growth-Related Water Studies	Funding for growth-related water studies in the sixth year or later of the Region's capital plan for the Water Program.	0	0	0	0	0	12,500	**12,500**
291910	Replacement of Membrane Filters at the Lorne Park Water Treatment Plant	Replacement program for the membrane filters at the Lorne Park Water Treatment Plant.	0	0	0	0	0	18,000	**18,000**
291996	Future Non-Growth-Related Treatment Facility Projects	Funding for future non-growth-related water treatment facilities projects in the sixth year or later of the Region's capital plan for the Water Program.	0	0	0	0	0	130,000	**130,000**
291997	Future Growth-Related Treatment Facility Projects	Funding for growth-related water treatment facilities projects in the sixth year or later of the Region's capital plan for the Water Program.	0	0	0	0	0	67,450	**67,450**
291998	Future Non-Growth-Related Water Facilities Projects	Funding for non-growth-related water facilities projects in the sixth year or later of the Region's capital plan for the Water Program.	0	0	0	0	0	418,410	**418,410**
291999	Future Growth-Related Water Facilities Projects	Funding for growth-related water facilities projects in the sixth year or later of the Region's capital plan for the Water Program.	0	0	0	0	0	291,771	**291,771**
Water			**564,165**	**419,362**	**670,834**	**436,012**	**279,434**	**4,304,247**	**6,674,054**

181158	400-mm Water Main - Future Inspire Boulevard (Countryside Villages)	Construction of a 400-mm water main on a future street from Bramalea Road to approximately 700 metres westerly.	1,950	0	0	0	0	0	**1,950**
231137	400-mm Water Main - Future Lagerfeld Drive (Heritage Heights)	Construction of a 400-mm water main on the future extension of Lagerfeld Drive from Mississauga Road to 800 metres westerly.	763	0	0	0	0	0	**763**
251129	Construction of Water Mains in Lakeview Village	Construction of various water mains in the Lakeview Village development area.	0	5,988	0	0	0	0	**5,988**
251178	400-mm Water Main - Future East-West Road (Highway 427 Industrial)	Construction of a 400-mm water main on the future east-west road from The Gore Road to Clarkway Drive.	0	2,867	0	0	0	0	**2,867**
251197	400-mm Water Main - Future Extension of George Bolton Parkway	Construction of a 400-mm water main on the future extension of George Bolton Parkway from Coleraine Drive to Humber Station Road.	0	3,000	0	0	0	0	**3,000**
261186	400-mm Water Main - Future Street (Alloa)	Construction of a 400-mm water main on a future street north of Mayfield Road from Mississauga Road to Creditview Road.	0	0	2,335	0	0	0	**2,335**
261187	400-mm Water Main - Future Street (Alloa)	Construction of a 400-mm water main on a future street north of Mayfield Road from Creditview Road to Chinguacousy Road.	0	0	2,335	0	0	0	**2,335**

271131	400-mm Water Main - Future Financial Drive (Bram West)	Construction of a 400-mm water main on the future Financial Drive from Heritage Road to Winston Churchill Boulevard.	0	0	0	4,121	0	0	**4,121**
271173	600-mm Water Main - Future Street (Highway 427 Industrial)	Construction of a 600-mm water main on the future east-west road from Clarkway Drive to the future north-south road.	0	0	0	2,000	0	0	**2,000**
271179	400-mm Water Main - Future Street (Highway 427 Industrial)	Construction of a 400-mm water main on the future east-west road from Coleraine Drive to the future north-south road.	0	0	0	2,500	0	0	**2,500**
291198	Future Growth-Related Distribution Water Main Projects (Development)	Funding for growth-related distribution water main projects in the sixth year or later of the Region's capital plan for the Water Program that are managed by Development Services.	0	0	0	0	0	48,866	**48,866**
Water Development Services			**2,713**	**11,855**	**4,669**	**8,621**	**0**	**48,866**	**76,723**
239085	Electric Vehicle Charging Infrastructure	Installation of electrical infrastructure at various Public Works Facilities to accommodate the charging requirements for anticipated Fleet electric vehicle purchases.	2,250	0	0	950	0	500	**3,700**

239247	Mavis Yard Expansion	Expansion of the Mavis Yard facility to build additional workspace capacity at the Transhelp Mavis Road location to accommodate staff and operations from the existing Copper Road location. This will amalgamate Transhelp staff and operations into a single location from the current 2-facility model. This will also allow for significant growth capacity at the Copper Yard location for other Public Works programs, such as Water, Wastewater and Roads Operations.	1,500	0	0	0	0	0	**1,500**
249020	Vehicle and Gas-Powered Equipment	Replacement of regional vehicles and equipment and system upgrades.	8,090	4,859	8,772	5,342	8,203	43,083	**78,347**
249040	Public Works Facility Repair and Maintenance	Planned repairs and replacements at various Public Works facilities as indicated in Building Condition Assessments.	275	695	665	927	356	7,316	**10,234**
Operations Support - Tax			**12,115**	**5,554**	**9,437**	**7,219**	**8,559**	**50,898**	**93,782**
207500	Billing System Upgrade	Upgrade to a new version of billing system, to be implemented since the current system will no longer be supported effective November 2020.	450	0	0	0	0	0	**450**
209800	Public Works Health & Safety Initiative	To implement a Health & Safety program for Public Works department	560	560	600	0	0	0	**1,720**

239050	Wolfedale Yard Expansion	Wolfedale Yard is the main Mississauga area Public Works facility for Water/Wastewater operations and also serves as the central fleet maintenance facility for all off-site Mississauga based Region owned vehicles. This project is for the expansion of Wolfedale Yard in order to accommodate growth of Regional fleet parking, maintenance and operational storage requirements.	3,000	0	0	0	0	0	**3,000**
247900	Commercial Water Meter Replacement	Replacement of obsolete commercial water meters.	1,800	1,900	2,000	0	0	0	**5,700**
247910	Residential Water Meter Replacement	Replacement of obsolete residential water meters.	11,200	11,700	12,200	0	150	6,400	**41,650**
249013	Technology Initiatives	To maintain Public Works systems, support technology related initiatives/IT enhancements and to sustain technology related work going forward.	1,500	1,500	1,500	1,500	1,500	7,500	**15,000**

249085	Building Information Modeling Implementation (BIM)	WW section need a tool to aid in efficient project data flow with internal and external project stakeholders. BIM is a tool with the capacity to manage information, data, automate processes, control/track information & more, to improve efficiency while maintaining ISO standards compliance. The BIM process & implementation will improve project visibility across W/WW and will allow the Region to have greater involvement in all aspects of asset life cycles & improved asset management along with greater efficiency and cost transparency.	3,500	0	0	0	0	0	**3,500**
257940	Meter Installation Equipment	New equipment (handheld devices) for field staff as part of the switch to electronic work orders.	0	100	0	0	100	100	**300**
277930	Meter Reading Equipment	Upgrade of handheld Meter Reading equipment. Includes obtaining new drive-by computer software to be installed in a vehicle to remotely read RF (remote frequency) water meters while in the vehicle.	0	0	0	220	0	220	**440**
Operations Support - Utility			**22,010**	**15,760**	**16,300**	**1,720**	**1,750**	**14,220**	**71,760**
Water Supply			**601,003**	**452,531**	**701,240**	**453,572**	**289,743**	**4,418,231**	**6,916,319**