

City of Hamilton GENERAL ISSUES COMMITTEE (BUDGET) AGENDA

Meeting #: 24-019(a) Date: November 22, 2024 Time: 9:30 a.m. Location: Council Chambers Hamilton City Hall 71 Main Street West

Angela McRae, Legislative Coordinator (905) 546-2424 ext. 5987

1. APPROVAL OF AGENDA

2. DECLARATIONS OF INTEREST

3. APPROVAL OF MINUTES OF PREVIOUS MEETING

3.1 November 18, 2024 (To be Distributed)

4. COMMUNICATIONS

6.

5. STAFF PRESENTATIONS

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	a.	2025 Preliminary Water, Wastewater and Stormwater Rate Supported Budget - Public Works Presentation	133
	b.	2025 Preliminary Water, Wastewater and Stormwater Rate Supported Budget - Corporate Services Presentation	213
CON	SENT IT	EMS	
6.1		Utilities Water, Wastewater and Storm 2024 Service Activity (FCS24056) (City Wide)	243

Members of the public can contact the Clerk's Office to acquire the documents considered at this meeting, in an alternate format.

Pages

- 7. MOTIONS
- 8. NOTICES OF MOTION
- 9. ADJOURNMENT

Members of the public can contact the Clerk's Office to acquire the documents considered at this meeting, in an alternate format.



CITY OF HAMILTON CORPORATE SERVICES DEPARTMENT Financial Planning, Administration and Policy Division

то:	Mayor and Members General Issues Committee
COMMITTEE DATE:	November 22, 2024
SUBJECT/REPORT NO:	2025 Preliminary Water, Wastewater and Stormwater Rate Supported Budget (FCS24055) (City Wide)
WARD(S) AFFECTED:	City Wide
PREPARED BY:	Matt Hilson (905) 546-2424 Ext. 1444 Katie Black (905) 546-2424 Ext. 6415
SUBMITTED BY:	Mike Zegarac General Manager, Finance and Corporate Services Corporate Services Department
	fill feet

RECOMMENDATION(S)

(a) That the metered water consumption charges for average residential properties (meters < 25mm in size) in the City of Hamilton be imposed at the following rates, effective January 1, 2025:

Monthly Water Consumption (m3)	Rate (\$/m3)
0 – 10	1.17
> 10	2.34

- (b) That the metered water consumption charge for commercial, industrial, institutional and larger residential properties (meters = >25mm in size) in the City of Hamilton be imposed at the rate of \$2.34 per cubic metre, effective January 1, 2025;
- (c) That daily water fixed charges for all properties in the City of Hamilton be imposed at the following rates, effective January 1, 2025:

Meter Size	9	Daily Water Rate
15	mm	\$0.53
16	mm	\$0.53

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Meter Size	9	Daily Water Rate
20	mm	\$0.53
21	mm	\$0.53
25	mm	\$1.33
38	mm	\$2.65
50	mm	\$4.24
75	mm	\$8.48
100	mm	\$13.25
150	mm	\$26.50
200	mm	\$42.40
250	mm	\$60.95
300	mm	\$90.10

(d) That the wastewater / storm treatment charges for average residential properties (meters < 25mm in size) in the City of Hamilton be imposed at the following rates, effective January 1, 2025:

Monthly	Rate
Water Consumption (m3)	(\$/m3)
0 - 10	1.19
> 10	2.37

- (e) That the wastewater / storm treatment charge for all commercial, industrial, institutional and larger residential properties (meters = >25mm in size) in the City of Hamilton be imposed at the rate of \$2.37 per cubic metre, effective January 1, 2025;
- (f) That daily wastewater / storm fixed charges for all properties in the City of Hamilton be imposed at the following rates, effective January 1, 2025

Meter	Size	Daily Wastewater / Storm Rate	
15	mm	\$0.57	
16	mm	\$0.57	
20	mm	\$0.57	
21	mm	\$0.57	
25	mm	\$1.43	
38	mm	\$2.85	
50	mm	\$4.56	
75	mm	\$9.12	
100	mm	\$14.25	
150	mm	\$28.50	

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Meter Size	Daily Wastewater / Storm Rate		
200 mm	\$45.60		
250 mm	\$65.55		
300 mm	\$96.90		

- (g) That the residential non-metered annual water rate be imposed at the flat rate of \$854.10 per annum, effective January 1, 2025;
- (h) That the residential non-metered annual wastewater / storm rate be imposed at the flat rate of \$865.05 per annum, effective January 1, 2025;
- (i) That the residential combined non-metered annual water and wastewater / storm rate be imposed at the flat rate of \$1,719.15 per annum, effective January 1, 2025;
- (j) That the Private Fire Line rates be imposed at the following rates, effective January 1, 2025:

Connecti mm	Monthly Rate	
25	1	\$5.08
38	1.5	\$11.67
50	2	\$20.30
75	3	\$45.68
100	4	\$81.20
150	6	\$182.70
200	8	\$324.80
250	10	\$324.80
300	12	\$324.80

- (k) That the 2025 Water, Wastewater and Storm Proposed User Fees and Charges be imposed as per Appendix "G" to Report FCS24055, effective January 1, 2025;
- (I) That the daily single-family unit (SFU) stormwater fee of \$0.74 (\$270.10 annually) for all properties in the City of Hamilton be approved, in principle, effective April 1, 2026;
- (m) That the 2025 Water, Wastewater and Stormwater Rate Supported Operating Budget in the amount of \$327,779,491 be approved as per Appendix "A" to Report FCS24055;
- (n) That the long-term financing plan for the Water, Wastewater and Stormwater programs and related rate increases required to meet sustainable financing as identified in the 2025 Water, Wastewater and Stormwater Rate Supported Operating Budget forecast 2026-2034 (Appendix "A" to Report FCS24055) be approved, in principle;

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- (o) That the 2025 Water, Wastewater and Stormwater Rate Supported Capital Budget and Financing Plan in the amount of \$314,899,750 be approved as per Appendices "K", "N", "Q" and "S" to Report FCS24055;
- (p) That the 2026-2034 Water, Wastewater and Stormwater Rate Supported Capital Budget forecast and financing plan (Appendix "I" to Report FCS24055) be approved, in principle;
- (q) That the City Solicitor be authorized and directed to prepare, for Council approval, all necessary by-laws respecting the 2025 water and wastewater / storm user fees, charges and rates set out in Recommendations (a) through (k) of Report FCS24055;
- (r) That the 2025 Rate Supported Staffing Summary, inclusive of the proposed Business Cases, be approved as per Appendix "F" to Report FCS24055;
- (s) That three additional Full-Time Equivalents that are not included in Appendix "F" to Report FCS24055 be included in the Preliminary 2025 Tax Supported Budget with a net-zero cost;
- (t) That the General Manager, Finance and Corporate Services, be authorized and directed to negotiate and confirm the terms for the placement and issuance of all debenture issue(s), and / or private placement debenture issue(s), in either a public or private market and / or bank loan agreements and debenture issue(s) and / or variable interest rate bank loan agreements and debenture issue(s), in an amount not to exceed \$101,904,316 Canadian currency as attached in Appendices "K", "N" and "Q" to Report FCS24055, which includes \$51,925,440 in Rate Supported municipal debt and \$49,978,876 Rate Supported Development Charges municipal debt;
- (u) i) That the General Manager, Finance and Corporate Services, be authorized to engage the services of all required professionals to secure the terms and issuance of the debenture issue(s) described in Recommendations (t) and (v) including, but not limited to, external legal counsel and fiscal agents;
 - ii) That the General Manager, Finance and Corporate Services, is authorized and directed, on behalf of the City of Hamilton, to enter into and / or execute, all agreements and necessary ancillary documents to secure the terms and issuance of the debenture issue(s) described in Recommendations (t) and (u) and conditional upon the by-law being enacted as described in Recommendation (v) to Report FCS24055, on terms and conditions satisfactory to the General Manager, Finance and Corporate Services, and in a form satisfactory to the City Solicitor;
- (v) That staff be authorized and directed to prepare all necessary By-Law(s), for Council's consideration, for the purpose of authorizing debenture issue(s) described in Recommendation (t) to Report FCS24055; and

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(w) That the City of Hamilton continue to appeal to the Provincial Government of Ontario and the Federal Government of Canada for financial assistance in addressing the infrastructure deficit in the water, wastewater and storm programs.

EXECUTIVE SUMMARY

The 2025 Preliminary Water, Wastewater and Stormwater (Rate) Budget is submitted for Council's consideration. In alignment with the Mayoral Directive to Staff (MDI-2024-03), the 2025 Rate Budget balances the need to invest in environmental infrastructure upgrades and changing trends in demand for water and growth in users in consideration of affordability and the financial burden on residential properties given the current economic environment.

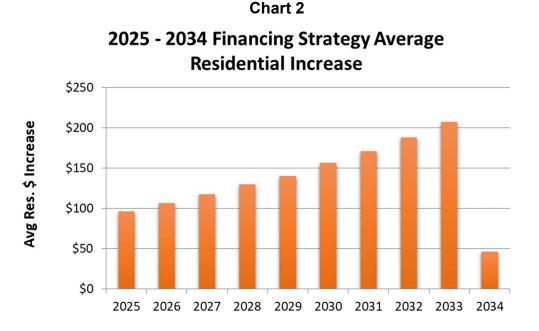
A needs-based approach has been used to develop the 2025 Rate Budget. This approach ensures that all resources that are required to deliver the desired service levels are included in the proposed budget. This is particularly important to the City of Hamilton as the City aims to eliminate the infrastructure deficit identified through the Waterworks Asset Management Plan by the end of the 10-year forecast. When developing a needs-based budget, staff continues to thoroughly review the budget to ensure that redundancies and efficiencies have been identified and addressed and that program lines are assessed for ongoing public benefit.

The preliminary budget, if approved, would result in an average residential water / wastewater / stormwater bill of \$1,061.50 based on 200 m³ of consumption representing an increase of 9.95%, or \$96.10 per household, over 2024.

The preliminary 2025 Rate Budget strategy is consistent with the strategy approved by Council, in principle, for 2024 representing a combined rate increase of 9.95% in 2025 and an annual average rate increase of 10% from 2026 – 2033 before returning to historic inflationary figures in 2034. Charts 1 and 2 illustrate the annual impacts of this strategy.



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In alignment with the Mayoral Direction (MDI-2024-03), the proposed Financing Plan leverages the City's current financial position through the issuance of additional debt and reserve contributions in order to maintain stability in the water / wastewater / stormwater user fees, while holding in check the financial risks.

In general, the goal of the financing strategy has been to support the water, wastewater and storm programs with the level of funding required to provide safe and reliable drinking water, protect homes and the environment, maintain assets in a state of good repair in accordance with the Waterworks Asset Management Plan for water, wastewater and storm assets and to support Council's priorities of sustainable economic and ecological development, safe and thriving neighbourhoods and responsiveness and transparency. The following business cases support these priorities.

Sustainable Economic & Ecologic Development

- Plant Operations Senior Plant Process Engineer to provide regulatory and operational process support to engineering design teams and coordinating throughout construction for major water and wastewater plant upgrades. The 2025 net financial impact is \$129 K.
- Lab Services Lab Technician to provide full-time support in metals and organics analysis to handle the increased sample load and reduce reliance on students and overtime. The 2025 net financial impact is \$89 K.
- Capital Delivery Asset Management Technologist to enhance Hamilton Water's vertical asset management program by advancing database content, refining reporting capabilities, supporting field inspections and implementing new procedures to improve

asset data quality, risk assessments and capital planning. The position is fully funded through the Rate Supported Capital Budget.

- Systems Planning Project Manager to support the development and maintenance of real-time water, wastewater, and stormwater models to manage capacity, facilitate growth and intensification, improve regulatory compliance and reduce reliance on external consultants. The 2025 net financial impact is \$58 K.
- Systems Planning Technologist to manage hydrometric and system-wide monitoring data to support real-time water, wastewater, and stormwater models, facilitating growth, intensification, and regulatory compliance while reducing reliance on external consultants. The 2025 net financial impact is \$45 K.

Safe and Thriving Neighbourhoods

 Light Rail Transit (LRT) – One Senior Project Manager, Water & Wastewater Planning to assist with the implementation of the LRT Project. The net financial impact for 2025 is \$0, as it is fully recovered from Metrolinx.

Responsiveness and Transparency

- Plant Maintenance and Technical Services Maintenance Supervisor to provide technical and field support for mechanical, electrical and instrumentation aspects of Water Treatment Plant Capital Projects, as well as, support for the Woodward Wastewater Treatment Plant and Dundas Wastewater Treatment Plant projects. The 2025 net financial impact is \$109 K.
- Plant Maintenance and Technical Services Maintenance Supervisor to oversee and support automation and Supervisory Control and Data Acquisition (SCADA) tasks throughout the design, construction, training and commissioning phases of Water Treatment Plant Capital Projects, as well as, the Woodward Wastewater Treatment Plant and Dundas Wastewater Treatment Plant. The 2025 net financial impact is \$96 K.
- Plant Maintenance and Technical Services Project Manager to focus on enhancing cybersecurity measures, performing risk assessments and managing incident responses to protect critical infrastructure, following a recent cyberattack on the City of Hamilton. The 2025 net financial impact is \$96 K.

The preliminary 2025 Rate Supported Financing Strategy supports the identified capital investment needs, rate of growth, through stable rate increases. The 2025 Rate Supported Financing Strategy links forecast water demand and estimated wastewater discharge with a staged approach to necessary capital investments in the water, wastewater and stormwater systems. As outlined in Chart 9, the current strategy calls for capital funding in 2025 of approximately \$314.9 M and \$4.52 B for the 2025 – 2034 timeframe, which represents an increase of \$0.38 B from last year's 10-year forecast.

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This increase is mostly attributable to the additional works required to eliminate the infrastructure deficit identified in the Waterworks Asset Management Plan for water, wastewater and storm assets, as well as, a \$112 M budget increase for the Dundas Wastewater Treatment Plant (WTP) Upgrades (2025 – 2034) as approved through Report PW24059. Other major projects include the Woodward Wastewater Treatment Plant expansion (2025 – 2030), work associated with the Flooding and Drainage Improvement Framework (2025 – 2031) and Phase 2A (2025 – 2032) and 2B (2030 – 2034) of the Woodward WTP upgrades. All major projects except for Phase 2B of the Woodward WTP upgrades (design scheduled to begin in 2030) are already underway and are included in the forecast beginning in 2025.

Report FCS24055 identifies risks related to a variety of conditions which may impact ratepayers and, in combination, may place significant financial pressures on ratepayers. These risk factors detailed in later sections of Report FCS24055 include increased operating and capital investment requirements. Staff pursued a variety of measures to control the impact of the risks to maintain a safe and reliable service by leveraging the City's financial position and balancing rate affordability.

Alternatives for Consideration – See Page 42

FINANCIAL – STAFFING – LEGAL IMPLICATIONS

Financial: As per Recommendation (m) of Report FCS24055, approval of the 2025 Water, Wastewater and Stormwater Rate Supported Operating Budget will support operating and capital financing expenditures of \$327,779,491 for 2025. With nonrate revenues of \$3.2 M, rate revenues of \$324.6 M are required to meet operating expenditures. As per Recommendation (o) of Report FCS24055, approval of the 2025 Water, Wastewater and Stormwater Rate Supported Capital Budget and Financing Plan will support capital expenditures of \$314,899,750 for 2025.The approval of the 2025 Water, Wastewater and Stormwater Rate Supported Operating and Capital Budget will result in a 9.95% rate increase.

As per Recommendation (t), in order to accommodate capital spending requirements, \$101.9 M has been allocated to debt financing in the 2025 Rate Supported Capital Budget. This amount includes \$51.9 M in Rate Supported municipal debt and \$50.0 M in Development Charges Rate Supported municipal debt.

- Staffing: The 2025 Rate Supported staffing complement reflects a recommended increase of 9.0 FTE as reflected in Appendix "F" to Report FCS24055.
- Legal: Recommendation (q) of Report FCS24055 relates to By-laws requiring Council approval, respecting the implementation of 2025 water and wastewater user fees and charges set out in the Recommendations (a) through (k) of Report FCS24055.

HISTORICAL BACKGROUND

The 2024 Rate Budget (FCS23100) approved, in principle, had included average rate increases of 10% per year over the 2024 – 2033 time period. The approved, in principle, increase for the 2025 budget was 9.95%.

Upon receiving Mayoral Directive (MDI-2024-03) on October, 2024, staff ensured that the preliminary financing strategy utilized debt and reserves to reduce the 2025 average increase for water and wastewater fees to 9.95% and maintain the average rate increase of 10% over the 2025-2033 planning period.

On November 6, 2024, through Report FCS24041, the General Issues Committee received the 2025 Budget Outlook. The financing strategy recommended in Report FCS24041 remains unchanged from what was presented in the outlook report.

The Rate Capital Budget was prepared in accordance with the City of Hamilton's Strategic Asset Management Policy. The Ministry of Infrastructure filed Ontario Regulation 588/17 – Asset Management Planning for Municipal Infrastructure under Bill 6, *Infrastructure for Jobs and Prosperity Act* ("Act") on December 27, 2017. Regulation 588/17 went into force on January 1, 2018 and applies to all infrastructure assets directly owned by a municipality or consolidated on the municipality's financial statements.

Through Report PW22048, the City of Hamilton's Asset Management Plans for core assets was approved by the General Issues Committee on June 15, 2022. Core assets include transportation (roads and engineered structures), water works (water, wastewater, storm) and the costs to maintain the City's current level of service.

POLICY IMPLICATIONS AND LEGISLATED REQUIREMENTS

The recommended options support the principle of a user-pay water and wastewater / storm system. The Rate Reserve Policy has guided staff's recommended use of rate reserves as a funding source in the 2025 - 2034 financing plan.

RELEVANT CONSULTATION

Public Works, Hamilton Water Division, provided operating / capital expenditure and non-rate revenue forecasts as reflected in Report FCS24055.

Members of the Senior Leadership Team (SLT) were consulted on the contents of Report FCS24055.

ANALYSIS AND RATIONALE FOR RECOMMENDATION(S)

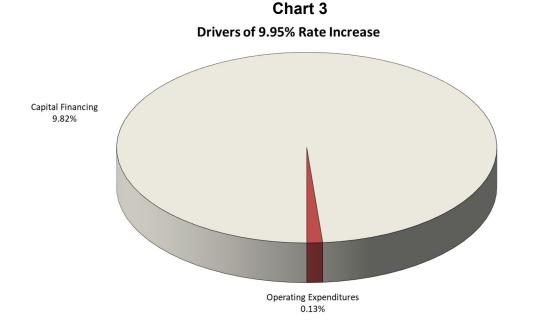
Appendix "A" to Report FCS24055 summarizes the 2025 Rate Budget expenditures (program and capital financing) and revenues of \$327.8 M compared to the 2024 restated budget of \$303.3 M.

Table 1 summarizes the budget changes for the 2025 Preliminary Budget.

	Tabl	e 1			
Summary of the 2025 Budget					
(\$ millions)	2024 Restated Budget	2025 Preliminary Budget	2025 Preliminary / 2024 Restated Change		
Expenditures					
Program Expenditures	\$ 121.1	\$ 121.5	\$ 0.4	0.3%	
Capital / Debt / Reserve Financing	\$ 182.2	\$ 206.3	\$ 24.1	13.2%	
Total Expenditures	\$ 303.3	\$ 327.8	\$ 24.5	8.1%	
Revenues					
Rate Revenue	\$ 295.7	\$ 324.6	\$ 28.9	9.8%	
Non-Rate Revenue	\$ 7.7	\$ 3.2	\$ (4.5)	(58.4)%	
Total Revenue	\$ 303.3	\$ 327.8	\$ 24.5	8.1%	
Average Residential Water / Wastewater / Storm Bill	\$ 965.40	\$ 1,061.50	\$ 96.10	9.95%	

Note: Anomalies due to rounding.

Chart 3 provides the breakdown of the proposed combined 9.95% rate increase between operating and capital financing expenditures in 2025. 9.82% of this increase is attributable investments into capital infrastructure.



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The strategy also includes \$90.0 M in assumed grant funding from the federal and provincial governments with respect to the Woodward WWTP rehabilitation and upgrades and Dundas WWTP improvements. The 2025 Strategy also includes \$6.35 M of assumed federal grant funding through the Disaster Mitigation and Adaptation Fund (DMAF). Advocacy efforts with the Province of Ontario and the Federal Government of Canada for financial assistance are required to address the infrastructure deficit and the climate action goals in the water, wastewater and storm programs.

2025 Proposed Rate Increases

The proposed rate increases are approximately 10% in each year from 2025 through 2033 before returning to historic inflationary figures. These increases represent the funding required for both direct investment in infrastructure and servicing requirements for additional debt in order to fund the \$4.52 B in projected infrastructure requirements over the next 10 years. The year-over-year change (\$382.2 M) in infrastructure requirements is largely driven by water and wastewater system improvements, as well as, a \$112 M budget increase for the Dundas Wastewater Treatment Plant Upgrades.

The proposed rate impact for the average residential water, wastewater and storm annual bill would be \$96.10 (9.95%) in 2025. The preliminary 2025 increase remains the same as what was approved, in principle, for 2025 in Report FCS23100.

Table 2 identifies the proposed rate increase impact on the average residential customer.

Impact of Preliminary 2025 Water and Wastewater / Storm Rate Increases on a Typical Residential Bill (Based on annual water consumption of 200 m ³)					
2024 Residential Bill	2025 Residential Bill	2025 Preliminary Change			
		\$	%		
\$965.40	\$1,061.50	\$96.10	9.95%		

Table 2

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Water and wastewater service user fees have been reviewed in accordance with the User Service Fee and Charges Policy which require identification of both the cost of the service and the fees / charges to recover such cost with the intent that full cost recovery is achieved. Some service fees are unchanged with full cost recovery currently being achieved with others undergoing varying fee increases to achieve full cost recovery. These user fees can be found in Appendix "G" of Report FCS24055.

Within Appendix "G" of Report FCS24055 a schedule of "Utility Billing Administration" fees has been added. These fees will begin to be applied once the City assumes utility billing responsibilities from our current billing agent, Alectra Utilities. These fees were established in accordance with the User Service Fee and Charges Policy. Similar fees from other municipalities were reviewed to determine the 2025 proposed fees. Staff will review these to ensure they reflect cost recovery in the future.

The impact of the 2025 preliminary rate increases on the water and wastewater / storm fixed charges, as well as, the water consumption and wastewater / storm treatment charges are identified in Table 3.

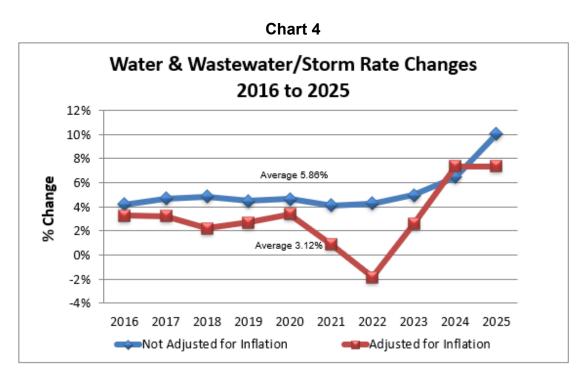
Table 3Impact of Preliminary Rate Increases onWater and Wastewater / Storm Rates

	2024	2025	Increase
Water			
Fixed Charge (daily) ¹	\$0.48	\$0.53	\$0.05
Consumption Charge Block 1 (0-10 cubic metres / month)	\$1.07	\$1.17	\$0.10
Consumption Charge Block 2 (>10 cubic metres / month)	\$2.13	\$2.34	\$0.21
Wastewater / Storm			
Fixed Charge (daily) ¹	\$0.52	\$0.57	\$0.10
Treatment Charge Block 1 (0-10 cubic metres / month)	\$1.08	\$1.19	\$0.05
Treatment Charge Block 2 (>10 cubic metres / month)	\$2.15	\$2.37	\$0.11

¹ Rate for a 15-21 mm meter which is installed in most residential homes.

Trends in Combined Rate Changes 2016-2025

Hamilton's overall average annual combined water and wastewater / storm rate increase is 5.86% before adjusting for inflation during the 10-year period from 2016 to 2025. Accounting for inflation results in the overall average, the annual rate increase over the same period would be 3.12%. Chart 4 shows the trend in Hamilton's combined water and wastewater / storm rates for the period 2016 to 2025.



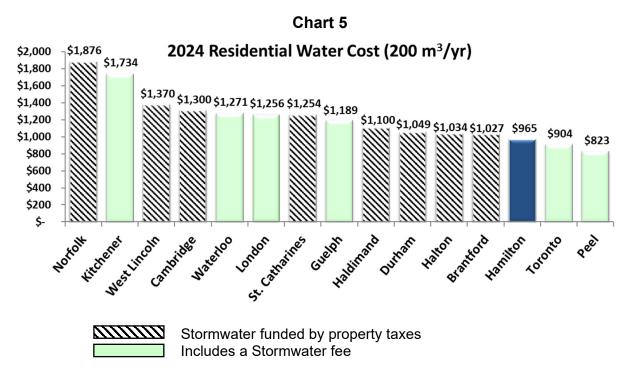
Comparative Rates

Per the BMA Management Consulting's 2023 Municipal Survey, the City of Hamilton's water and wastewater / storm rates have remained competitive, inclusive of the fact that annual rate increases over the past decade have averaged 5.86% before adjusting for inflation.

Over the past decade, Hamilton's ability to maintain competitive water and wastewater / storm rates, given the magnitude of the rate increases approved over this same period, reflects the fact that, like Hamilton, other municipalities are addressing many of the same investment requirements as previously identified.

In 2024, Hamilton's residential annual water and wastewater / storm bill continued to be one of the lowest within its local municipal comparator group. Though Hamilton currently largely funds its stormwater management program through its wastewater / storm fee, it still has been able to maintain competitive rates as reflected in Chart 5.

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Affordability

Staff continues to assess ratepayers' ability to pay current water and wastewater / storm billings. Ability-to-pay is primarily a function of income related to the cost of living. Fixed costs, such as housing, property taxes, utilities and other necessities take a smaller share of household income for households with higher income levels.

A review of BMA Management Consulting's 2023 Municipal Survey (participation by 121 Ontario municipalities) indicates that Hamilton's average household income of \$111,188 is below the survey average of \$121,388. Hamilton's average residential water and wastewater annual bill of \$1,061 represents 0.9% of 2024 estimated household income (\$113,412) that compares favourably to the survey average of 1.1%. With the forecasted average annual increases of 10% from 2025 to 2033, it is expected that the residential water bill will increase to approximately 1.7% of estimated household income by 2033, assuming incomes will increase at the Bank of Canada projected rate of inflation over that time period. Table 4 compares Hamilton's 2023 average residential water and wastewater annual bill as a percentage of household income against its local municipal comparator group. In 2023, Hamilton was tied for fifth lowest within its local municipal comparator group.

I able 4								
Municipality / Region	Waterbill as a % of Household Income							
Norfolk	1.7%							
St. Catharines	1.2%							
Cambridge	1.1%							
Kitchener	1.1%							
Brantford	1.0%							
West Lincoln	1.0%							
Haldimand	1.0%							
London	1.0%							
Guelph	0.9%							
Hamilton	0.8%							
Waterloo	0.8%							
Durham	0.7%							
Toronto	0.7%							
Halton	0.6%							
Peel	0.5%							

Table 4

Another measure of affordability may be to review water bill delinquency rates. Per the City's Arrears Policy, unpaid water and wastewater / storm arrears that remain unpaid 60 days past the invoice due date are transferred to the property's tax roll. Alectra reports this metric within their annual service activity report (for details refer to Report FCS24056).

From 2020 to 2024, the number of unpaid arrears tax roll transfers has increased over 30% over the five-year period from approximately 21,100 transfers to 27,800 transfers. With respect to transferred arrears amounts, about \$4.1 M was transferred in 2020 and a forecasted amount of \$6.4 M in 2024 (approximately 55% increase). For 2024, this equates to roughly 1.4% of invoices sent transferring to the tax roll.

In January 2022, the minimum arrears threshold amount for an active account was increased to \$125 from \$100 in an attempt to provide more time for outstanding lower arrears amounts to be addressed before tax roll transfers occur. However, the expected reduction in the number of arrears transfers was not realized as the number of transfers increased by 13% in 2023.

The minimum arrears threshold amount for an active account will be increased to \$150 as of January 1, 2025. As of September 2024, the year-to-date total number of arrears are up by

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34% compared to 2023. The year-to-date transferred dollar amount has increased to a similar extent, approximately \$1.2 M or 31% higher than 2023. Again, relative to all accounts. The increased threshold change has only postponed the tax roll transfer if the arrears remain unpaid. It should be noted that an administrative fee is applied for each arrears tax roll transfer occurrence (for 2024, the fee is \$44.95 inclusive of H.S.T.). Staff will continue to monitor water bill delinquency rates on an ongoing basis to gauge the impact of increasing water bills.

Of note, one factor that may be contributing to increasing tax roll transfers and payment arrangements is, unlike with some other utilities (natural gas and electricity), service disconnection is not utilized to address unpaid water bills in Hamilton. A number of neighbouring water utilities employ service disconnection within their collection policies.

Rate Operating Budget

The 2025 Rate Operating Budget program expenditures of \$121.5 M reflects an increase of \$0.4 M or 0.3% over the 2024 Rate Budget. The majority of costs are fixed, in nature, including employee-related expenses, materials and corporate allocations. Variable costs tied to production volumes include utilities, chemicals and the biosolids contract. The maintenance operating budget pressures were offset by savings and efficiencies such as the internal Locates Office in 2025. Table 5 details the Rate Operating Budget increase for 2025.

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I able 5									
Details of the 2025 Operating Budget Increases (\$000s)									
Budget Pressure	Health and Safety	Inflationary	Service Level Enhancements	TOTAL \$ Increase					
Employee Related Costs [Cost of Living Adjustment]		\$1,571		\$1,571					
Facility Pressures [Hydro, Natural Gas, Property Taxes and HVAC R&M]		\$802	\$175	\$977					
Material and Supply Pressures [Fluids and Chemicals]		\$520		\$520					
Contractual Pressures [Biosolids Contract, Computer Maintenance Contract and Binbrook Odour Control]	\$330	\$199		\$529					
Consulting Pressures [ERP, OHS, Compliance and Internal Auditing]			\$50	\$50					
Internal charges Corporate Cost Allocation Pressures [Vehicle Charges & Recoveries, Office Rent, Human Resources, Accounting Services, Legal Services, Call Centre, etc.]		\$655		\$655					
Additional Staffing – 3 FTEs [PW22078(a) Woodward WTP Phase 2]			\$334	\$334					
Additional Staffing 6 FTEs [* Net of Capital Recoveries]			\$288	\$301					
Tax Levy Funded Staffing 3 FTEs [* FTE Impact within Levy Budget]			\$134	\$134					
Budget Efficiencies, Redundancies & Realignment			(\$4,671)	(\$4,684)					
TOTAL	\$330	\$3,747	(\$3,690)	\$387					

Table 5

Capital financing costs, including reserve transfers, in the 2025 Preliminary Budget of \$206.3 M reflects an increase of \$24.1 M over the 2024 Budget. With non-rate revenues of \$3.2 M, rate revenues of \$324.6 M are required to meet operating (program and capital financing) expenditures.

Chart 6 provides a breakdown of the 2025 Rate Operating Budget totalling \$121.5 M, by the three major program areas: water, wastewater and storm. Of this amount, \$59.3 M (49%) is for water, \$50.9 (42%) is for wastewater and \$11.3 M (9%) is for storm.

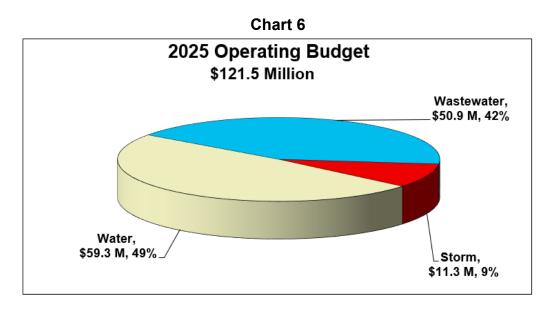
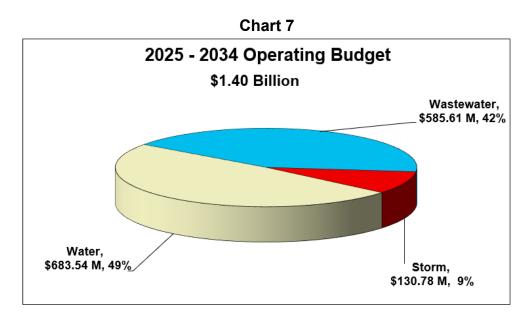


Chart 7 illustrates the \$1.40 B operating program for the 2025–2034 water, wastewater and storm capital budget.



Program Changes – Staffing

The 2025 Rate Operating Budget expenditures contain the request for nine (9) new full-time equivalent (FTE) employees. The 2025 net operating cost of the request is approximately \$622 K. The FTE requests address critical operating program support for capital rehabilitation / replacement programs, service level enhancements and efficiencies that increase program value. For the full FTE request details, please refer to the business cases in Appendix "F" to Report FCS24055.

2025 – 2034 Rate Supported Capital Budget

Chart 8 provides a breakdown of the 2025 Rate Capital Program totalling \$314.9 M, by the three major program areas: water, wastewater and storm. Of this amount, \$132.5 M (42%) is for water, \$107.8 (34%) is for wastewater and \$74.6 M (24%) is for storm. Compared to the 2024 program, storm's proportion of the total capital program has increased from 18% to 23%, while wastewater's proportion has reduced from 37% to 33%.

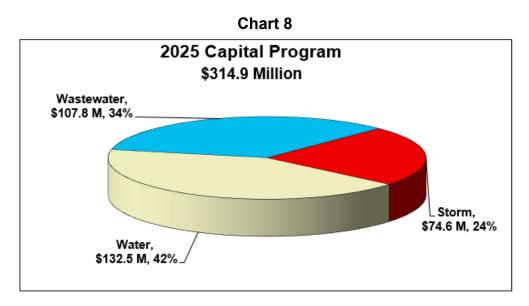
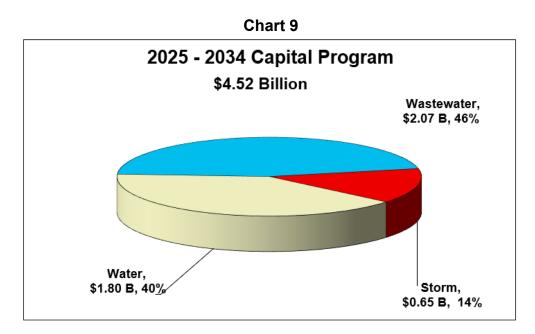


Chart 9 illustrates the \$4.52 B capital program for the 2025–2034 water, wastewater and storm capital budget.



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Chart 10 provides the sources of capital financing for the 2025 – 2034 forecast period. The growth-related infrastructure investment included in the 2025 – 2034 forecast to accommodate for growth is \$1.02 B, including \$854 M from Development Charge (DC) funded external debt and \$167 M from DCs. Debt charges associated with DC funded debt will be recovered from DCs over the terms of issuance.

The Capital Plan for the 2025 – 2034 water, wastewater and storm capital program requires a net draw from reserves of \$15.9 M, helping to mitigate reliance on rate supported debt for the delivery of capital works. The reserve contributions required to fund the DC exemptions phase-in are not included in this amount.

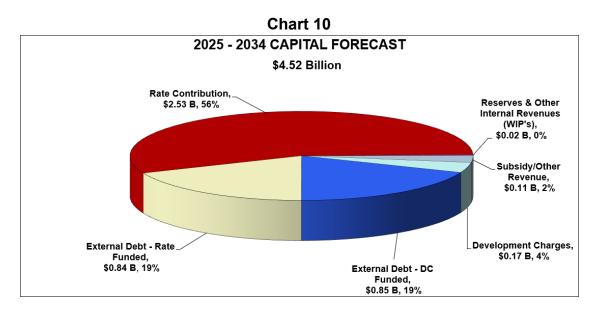


Table 6 and Appendices "H", "J", "M" and "P" to Report FCS24055 summarize the \$4.52 B capital program and the financing requirements for the 2025 – 2034 water, wastewater and storm capital budget. A total of \$1.31 B or 29% of the 10-year capital program is required in the first three years (2025 to 2027). Significant projects include the Woodward WWTP Phase 2 Upgrade and Expansion, Woodward Water Treatment Plant Phase 2A and 2B Upgrade and Expansion, Dundas WWTP Replacement, Parkdale Avenue Wastewater Pumping Station Upgrades and the Flooding and Drainage Improvement Framework Capital. Appendices "L", "O" and "R" provide a listing of all capital projects within the Water, Wastewater and Storm programs.

Table 6

SOURCE OF CAPITAL FINANCING 2025 to 2034 RATE PROGRAM CAPITAL BUDGET \$(000'S)

	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2025 to 2034
WATER											
Capital Program	132,524	154,511	213,132	248,267	186,697	175,931	189,196	186,390	171,107	142,905	1,800,659
Source of Funding											
Subsidy/Other Revenue	496 43,778	3,942 44,039	- 46,260	583 31,315	- 8.068	- 11.562	- 9.192	- 45,471	- 87.914	- 61,769	5,021 389.368
Development Charges Reserves & Other Internal Sources	43,770	44,039	40,200	31,315	0,000	- 11,562	9,192	40,471	07,914		
Contribution from Operating	68,250	71,530	72,871	97,953	90,517	126,029	160,160	140,919	83,193	81,137	992,559
External Debt Total	20,000	35,000 154,511	94,000 213,132	118,415 248.267	88,112 186.697	38,340 175,931	19,844 189,196	186,390	171.107	- 142,905	413,711 1.800.659
WASTEWATER											
Capital Program	107,796	198,168	323,084	304,482	294,717	183,117	105,700	135,051	232,146	185,292	2,069,553
Source of Funding											
Subsidy/Other Revenue	1,890	9,684	21,623	12,568	10,498	11,098	10,648	9,028	4,937	101	92,072
Development Charges	13,564	80,145	132,818 5.250	126,069 5.250	122,750 1,150	68,628	2,520	2,362	7,860	4,839	561,554
Reserves & Other Internal Sources Contribution from Operating	66,360	4,250 70,831	5,250	5,250 60,596	82,319	83,391	82.032	123.660	219.349	180.353	15,900 1,038,690
External Debt	25,983	33,259	93,595	100,000	78,000	20,000	10,500	-	- 210,040	-	361,337
Total	107,796	198,168	323,084	304,482	294,717	183,117	105,700	135,051	232,146	185,292	2,069,553
STORM SEWERS											
Capital Program	74,580	48,618	56,523	63,375	54,419	49,235	54,952	73,471	78,251	96,018	649,442
Source of Funding											
Subsidy/Other Revenue	233	1,762	3,475	2,647	2,035	2,235	75	75	75	75	12,687
Development Charges	36,934	4,950	248	12,720	1,056	4,000	660	4,000	-	5,232	69,800
Reserves & Other Internal Sources	-	-	-	-	-	-	-	-	-	-	-
Contribution from Operating External Debt	31,471 5,942	31,906 10.000	37,704 15.096	34,904 13,105	39,214 12,114	37,876 5,124	49,082 5,135	69,396	78,176	90,711	500,440 66,515
Total	74,580	48,618	56,523	63,375	54,419	49,235	54,952	73,471	78,251	96,018	649,442
TOTAL RATE PROGRAM											
Capital Program	314,900	401,298	592,739	616,124	535,833	408,282	349,848	394,912	481,503	424,216	4,519,654
Source of Funding											
Subsidy/Other Revenue	2,619	15,388	25,098	15,798	12,533	13,333	10,723	9,103	5,012	176	109,781
Development Charges	94,275	129,134	179,326	170,104	131,874	84,190	12,372	51,834	95,774	71,840	1,020,722
Reserves & Other Internal Sources	-	4,250	5,250	5,250	1,150	-	-	-	-	-	15,900
Contribution from Operating External Debt	166,080 51,925	174,268 78,259	180,374 202,692	193,452 231,519	212,051 178,226	247,296 63,464	291,275 35,478	333,975	380,717	352,201	2,531,689 841,562
Total	314,900	401,298	592,739	616,124	535,833	408,282	349,848	394,912	481,503	424,216	4,519,654

The capital program includes \$1.14 B in gross costs for projects supporting growth infrastructure, of which, \$1.02 B will be funded from Development Charges. As a result of legislative changes through the *More Homes Built Faster Act, 2022*, a significant portion of growth-related infrastructure will need to be funded through water, wastewater and stormwater revenues. Combined with previous legislation for statutory DC exemptions and Council approved discretionary exemptions provided through the City's DC By-law, growth-related development is anticipated to be subsidized by ratepayers for a 10-year total of \$462 M in DC exemptions. If the City chose not to replace the lost DC revenues through exemptions, the impact would be significantly delayed growth plans as there would be insufficient funding to provide the infrastructure within the same timeline.

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In order to reduce the immediate burden on ratepayers, a three-year, phase-in strategy was approved through the 2024 Rate Budget (FCS23100). This strategy utilized the City's discretionary rate reserves in alignment with the Mayoral Directive to Staff (MDI-2023-02). As the 2024 Mayoral Directive to Staff (MDI-2024-03) continues to emphasize the importance of affordability and the prudent utilization of reserves, the 2025 Rate budget continues to proceed with this phase-in strategy.

Table 7 summarizes the remaining two years of the Development Charge phase-in strategy. As a result, the City will leverage existing rate reserves in an effort to maintain affordability. While this helps the City to absorb the impact of Bill 23, it does limit the City's financial flexibility in responding to emergency or unplanned expenditures in the future.

Development Charge Exemptions Phase In (\$000's)	Strategy		
	2025	2026	2027
Gross Development Charge Exemptions	34,633	34,979	35,325
Reserve Funding	(17,316)	(8,745)	
Net Development Charge Exemptions	17,316	26,234	35,325

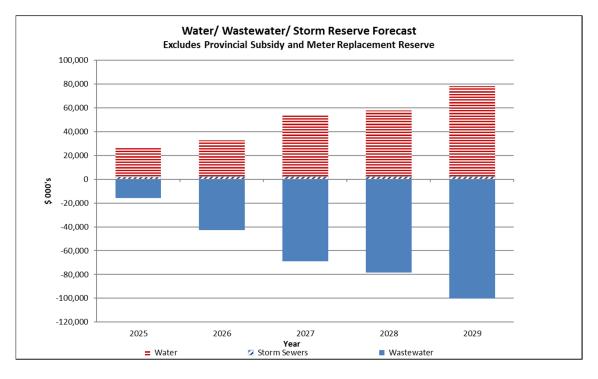
Table 7

Rate Reserves

Chart 10 provides the projected reserve balances for the Water, Wastewater and Storm programs. The 2025 Budget Forecast reflects utilizing \$17.3 M in reserve funds for development charge exemptions phase in strategy. It should be noted, the reserve forecast below does not include the Provincial Wastewater Improvement Subsidy Reserve (\$100 M Provincial subsidy dedicated for the WWTP Clean Harbour project or the Meter Replacement Reserve) because the funds held in this reserve are required to be spent on specific initiatives. Chart 10 does not account for the impacts of the new stormwater funding model which is outlined on page 35 of Report FCS24055.

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Chart 10



Reserves are essential to assist the City in mitigating unanticipated events, such as, consumption fluctuations, response to emergencies, unforeseen increase in capital costs and potentially to provide rate stability or to decrease future debt needs. The proposed Financial Plan leverages the available capacity in the water, wastewater and storm reserves and draws down the wastewater and storm reserves below their minimum required balances until 2034. The wastewater reserve reaches a negative balance in 2026 which is partially offset by the balances in the water and storm reserves. The combined forecasted balance of these reserves is negative \$16.5 M in 2029.

By drawing these reserves below the minimum balance, it limits the City's financial flexibility to respond to emergencies or unplanned events. In the event where emergency funds are needed, it may require the need for additional external debt in the case of eligible capital requirements or internal borrowing from discretionary tax supported reserves in the case of operating pressures. This financial strategy aligns with the Mayoral Directive to Staff (MDI-2024-03) to Staff to prioritize the prudent utilization of debt and reserves while seeking to maintain the City's AAA credit rating.

The wastewater reserve is projected to decline to a negative balance in 2025 as a means of supporting the pace of infrastructure investments, while maintaining the recommended rate increase in line with last year's projection. As the City of Hamilton doesn't currently have a dedicated stormwater fee, the wastewater fee is used to support stormwater operations. Through Report FCS22043(c), Council approved a new stormwater funding model that will be implemented in April 2026.

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The City will no longer use revenues collected through water and wastewater bills and property taxes to fund stormwater management. Instead, Council has approved a dedicated stormwater fee, where properties will be charged based on the load (or use) they place on the stormwater system. Stormwater operations will then be funded through its own revenue source and the wastewater reserve is projected to return to a positive balance in 2027 and onward. As a result, the wastewater portion of the average residential tax bill will be decreased. The decrease will be offset by the new stormwater fee. The stormwater fee will be assessed to ensure the rate is sufficient to sustain stormwater operations moving forward.

The combined reserve balances are forecast to decrease from \$59 M at the end of 2024 to negative \$17 M in 2031 but increase over the remaining years in the 2032 – 2034 forecast under the proposed Capital Financing Plan. This decrease is a result of insufficient fees to fund storm operations, \$26.1 M in reserve contributions to fund the DC exemptions phase-in strategy and \$15.9 M in reserve contributions to fund the Chedoke Creek – Cootes Paradise Workplan. The wastewater and storm reserves are below their target range relative to the Rate Reserve Policy approved by Council in June 2016, whereas, the water reserve is within the target range. The combined reserve balances are forecast to return to target levels by the end of the 2025 – 2034 forecast, at which time the combined balances are estimated to be \$100 M.

Projected Water / Wastewater / Storm Debt

The 2025 Water, Wastewater and Storm Budget incorporates a significant reliance on both rate-supported debt and growth-related debt supported from DCs over the 10-year forecast period. The forecasted rate supported debt financing for the 10-year period 2025 – 2034 has decreased by \$113 M from the 2024 Rate Budget.

The forecasted DC supported debt financing has increased by approximately \$169 M over the same period, resulting in an overall net increase in forecasted debt financing of \$56 M from the forecast in the 2024 Rate Budget. The increase in reliance on rate supported debt is attributable to the increased capital requirements detailed above.

The rate supported debt is projected to peak at \$997 M in 2029, compared with the 2024 budget forecasted debt peak of \$929 M in 2029. The debt funded from DC's is projected to peak at \$1.01 B in 2030, whereas, the 2024 budget peaked at \$837 M in 2030.

Table 8 provides the multi-year debt forecast compared to the 2024 Budget forecast. The graph illustrates the lower debt requirements for 2025 and 2026 when compared to the prior year budget forecast. The decrease in debt is due to deferral of issuing debt in previous years and the deferral of capital projects from 2025 and 2026 to later years in the forecast. The higher debt levels in the later years can be attributed an increase in infrastructure requirements, as well as, a \$112 M budget increase for the Dundas Wastewater Treatment Plant Upgrades.

Table 8											
Projected Rate & DC Su	upported	Outsta	nding	Debt							
(\$ Millions)											
	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
2024 Rate Budget											
Funded from Rates	196	334	475	677	819	929	928	900	827	746	664
Funded from DC's	141	289	479	688	768	831	837	798	795	834	782
Total	337	623	954	1,365	1,587	1,760	1,765	1,698	1,622	1,580	1,446
2025 Rate Budget											
Funded from Rates	166	270	394	631	883	997	988	949	875	800	726
Funded from DC's	120	284	497	752	986	1,075	1,098	1,056	1,050	1,086	1,090
Total	286	554	891	1,383	1,869	2,072	2,086	2,005	1,925	1,886	1,816
Increase (Decrease)	- 51	- 69	- 63	18	282	312	321	307	303	306	370

Consistent with the 2024 Rate Budget and to more accurately forecast debt levels and the associated debt charges, the major multi-year Dundas and Woodward Wastewater Treatment Plant projects are budgeted based on the projected cash flow of expenditures for the 2024 Rate Capital Budget versus full commitment-based budgeting.

Chart 11 illustrates the projected outstanding debt for the 10-year period (2025 – 2034) and the funding source of the associated debt charges.

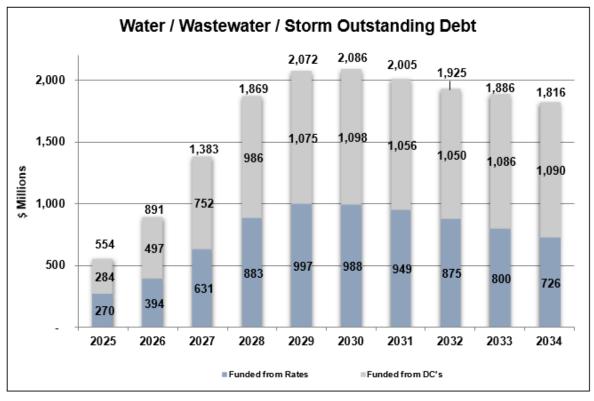
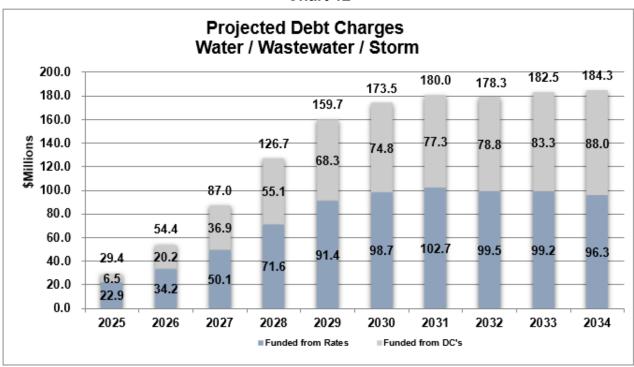


Chart 11

OUR Vision: To be the best place to raise a child and age successfully. OUR Mission: To provide high quality cost conscious public services that contribute to a healthy, safe and prosperous community, in a sustainable manner. OUR Culture: Collective Ownership, Steadfast Integrity, Courageous Change, Sensational Service, Engaged Empowered Employees.

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Chart 12 shows the forecasted debt charges funded by water / wastewater rates and by DCs. In the upcoming years, staff in Corporate Services (Financial Planning, Administration and Policy) and in conjunction with staff in Public Works (Hamilton Water) will monitor the forecasted DC Debt charges in comparison to DC Revenue, to mitigate potential risks to the ratepayer. Much of this risk lies with the implementation plan of the Woodward WWTP expansion project, currently forecasted for construction in years 2027 – 2032.





Impact of Capital Budget on Operating Budget

As summarized in Table 9, the 2024 Rate Budget incorporates \$223.6 M in capital financing costs which is an increase of \$28.4 M from the 2024 Rate budget.

DC Exemption Funding is proposed to decrease by 8.2% in 2025. This is largely attributable to elimination of the mandatory five-year phase-in through Bill 185, as well as, the City of Hamilton's 2024 DC By-law Policy change to phase out the Downtown CIPA DC Exemption.

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Table 9											
WATER, WASTEWATER &	STORM										
IMPACT OF CAPITAL ON C	OPERATING BU	JDGET									
(000's)	2024	2025	CHAN	~~	2025-2034						
	APPROVED	PROPOSED	\$	s⊏ %	FORECAST						
	AFFROVED	FROFUSED	Ψ	70	FORECAST						
Debt to be issued	39,869	51,925	12,056	30.2%	841,562						
Debt Charges (Net of DCs)	22,611	22,884	273	1.2%	766,486						
Contribution to Capital	134,870	166,080	31,210	23.1%	2,531,689						
DC Exemption Funding	37,745	34,633	(3,112)	-8.2%	361,920						
Impact on Operating Budget	195,226	223,597	28,371	14.5%	3,660,095						

Chart 13 highlights the impact on the operating budget from the Rate Supported Capital Program. These impacts are projected to increase from \$206 M in 2025 to \$517 M in 2033. Rate supported debt charges are expected to increase from 5.4% of total revenues in 2025 to 17.4% in 2030 and then decline to 13.9% in 2034.

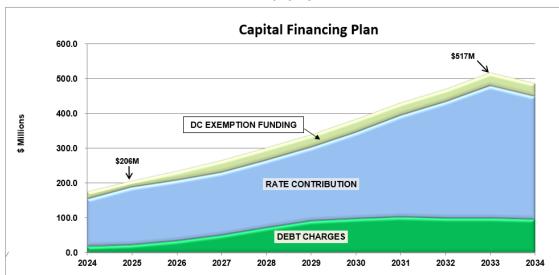


Chart 13

Debt Management

According to Ontario Regulation 403/02, Council shall, before giving authorization for capital work that would require a long-term debt or financial obligation, have the City Treasurer calculate an updated Annual Repayment Limit (ARL) using the most recent Annual Repayment Limit determined by the Ministry. The most recent ARL, determined and sent in writing by the Ministry to the City Treasurer, is the 2024 ARL in the amount of \$329,652,655 and is based on 2022 Financial Information Returns.

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Using this 2024 ARL, the City Treasurer has calculated an updated ARL of \$206,028,022 shown in Appendix "T" to Report FCS24055. The 2024 ARL was adjusted for possible debt service charges of \$197,505,249 corresponding to approximately \$1.36 B of debt (including CityHousing Hamilton), which has been approved by Council in 2024 and prior years but not yet issued. Further adjustments were made to reflect debt service charges for prior issued debt discharged since 2022.

According to this calculation, the updated ARL of \$206,028,022 represents a maximum annual amount that the City has available to commit to payments related to debt and financial obligations before the statutory limit is breached and corresponds to approximately \$2.1 B of additional borrowing which the City could undertake (assuming a 15-year term and 5.5% interest rate). The related tax and rate impacts would be considered before approving debt within these limits.

In addition, City Council has approved a total combined tax and rate-supported debt limit of 60% of City own-source revenues, unless otherwise approved by Council and a DC supported debt limit of 25% of total DC eligible costs for the forecast period of the latest DC Background Study, unless otherwise approved by Council. The City's current debt ratio is forecasted to be 11.7% in 2024 and 12.9% in 2025 related to the approved tax and rate supported upset limit of 60% and 0.7% in 2024 and 1.6% in 2025 for DC supported debt relative to the upset limit of 25%.

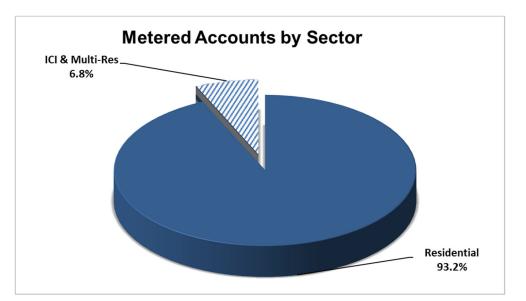
However, over \$1.26 B in capital works-in-progress have been approved for debt funding that has not yet been issued due to timing of completion and cash flow requirements. Given the amount of debt that has been previously approved and the reliance on debt financing for infrastructure improvements needed in the 10-year Rate Financing Plan, Financial Planning, Administration and Policy staff will need to closely monitor cash flow requirements and only issue debt when needed in order to ensure compliance with the City's debt policy and to maintain the City's AAA credit rating.

CONSUMPTION AND RATE-GENERATED REVENUES

Metered Water Consumption

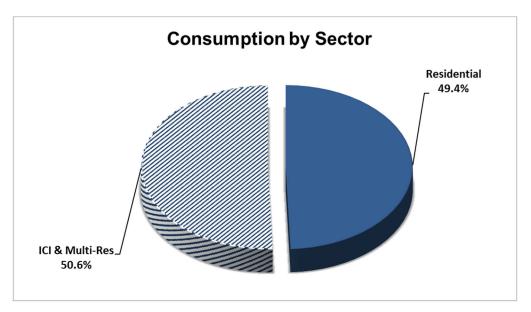
Currently, the City has nearly 160,000 metered water accounts. Residential users account for 93.2% of total metered accounts (Chart 14) and approximately 49.4% of total water consumption (Chart 15). While Industrial Commercial Institutional (ICI) and multi residential (multi-res) accounts only make up 6.8% of total metered accounts, ICI and multi-res water consumption comprises 50.6% of total consumption.

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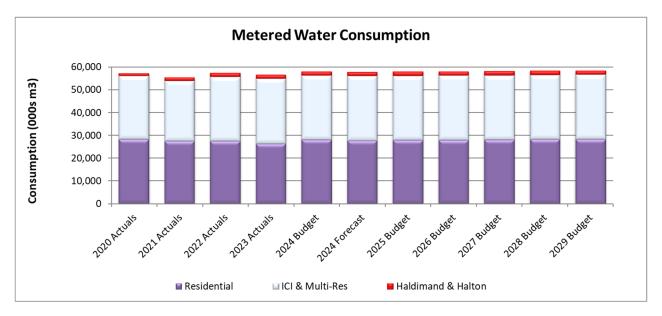


Total Consumption – 2025 Budget \$307.7 M

Revenues associated with consumption of \$307.7 M represents approximately 92% of the total 2025 Rate Budget revenues of \$ 327.8 M.

Since 2018, Hamilton's total metered annual water consumption has remained at approximately 57 million cubic metres as shown in Chart 16. The 2024 projected total consumption is just under 58 million cubic metres. The 2025 Budget of 57.8 million cubic metres remains consistent with the consumption in the 2024 Budget.





Total water consumption forecast over the 10-year period (2025 to 2034) reflects relatively flat consumption demand. This relatively conservative forecast mirrors that, although there continues to be growth, there is not a significant change in consumption year-over-year.

Staff will continue to monitor consumption across all sectors and take efforts to ensure that the City is maximizing its full potential with respect to metered water and wastewater / storm revenues. Similarly, staff will be monitoring changes in consumption on an ongoing basis identifying trends and related financial impacts through the Operating Budget Variance Reports provided to Council.

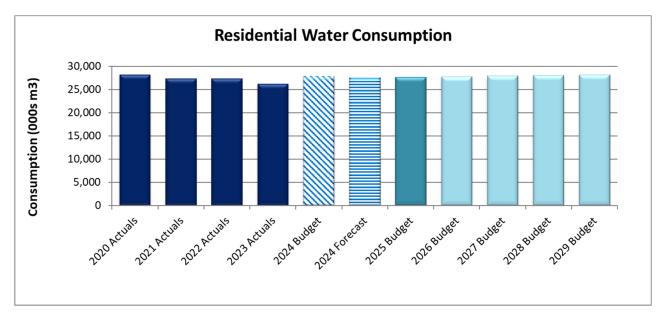
Residential Consumption – 2025 Budget \$147.0 M

Chart 17 illustrates residential consumption since 2020. Residential consumption has remained relatively unchanged, reflecting an observation that new customers' consumption has been offset by reduced consumption resulting from existing customers' ongoing conservation efforts associated with fixture / appliance obsolescence such as the installation of water efficient toilets and washing machines. For 2025, staff is recommending that the forecast for average residential consumption remain at 200 m3 to reflect the past several years of consumption for a total estimate of 27.7 million cubic metres for the residential sector.

It is not clear how much further average residential consumption can decline, but there exists the potential for further declines, principally due to conservation efforts and associated regulations.

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Industrial / Commercial / Institutional and Multi-Res Consumption - 2025 Budget \$155.3 M

Despite continuing growth, particularly in the multi-residential sector, there continues to be ongoing conservation efforts that offset any demand growth associated with new customers. Many existing larger multi-residential customers are implementing water conservation projects.

In sharp contrast to many neighbouring communities, Hamilton is unique in that a significant portion of consumption and, in turn, revenues come from industrial and institutional customers. The top users of the ICI / Multi-res sector representing some 40 customers account for nearly a quarter of total consumption. This reliance on a relatively small number of large water users does pose a risk to revenue stability when these customers undertake water conservation projects or experience a change in business processes as noted above.

As reflected in Chart 18, water consumption demand is forecast to remain relatively flat for the ICI / Multi-res sector at 28.3 million cubic metres for the 2025 Budget.

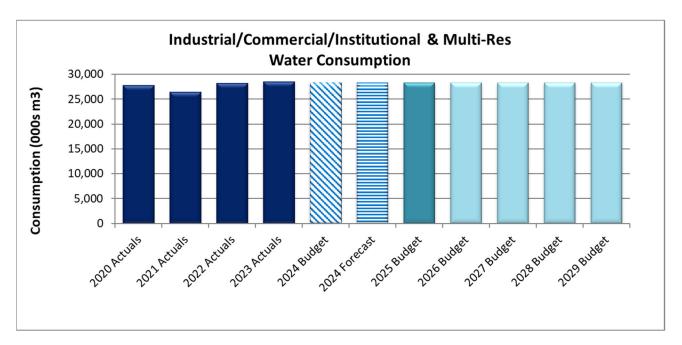


Chart 18

External Consumption – 2025 Budget \$5.3 M

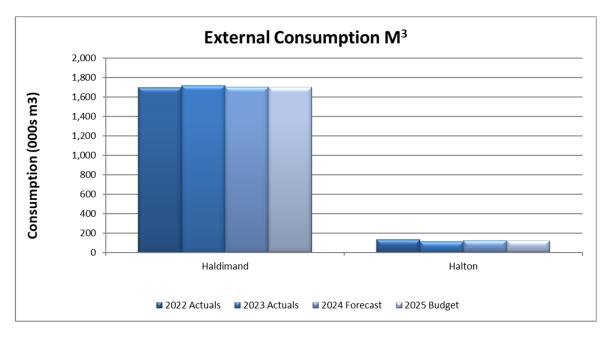
Under long-term arrangements, Hamilton supplies Haldimand County and Halton Region with potable water but does not provide wastewater / storm services to either community. Chart 19 illustrates Haldimand County and Halton Region's respective external consumption since 2022.

A renewed water supply agreement with Haldimand was executed in 2014 for an initial 20-year period with Hamilton supplying water to the communities of Caledonia and Cayuga.

The current water supply agreement for Halton was executed in 2011 for an initial 10-year period with Hamilton supplying water to the Aldershot and Snake Road communities. In September 2019, a renewal agreement was executed that will conclude on November 16, 2031. The 2025 Budget has increased from 1.6 million cubic metres to 1.8 million cubic metres to reflect the growing communities in both the Haldimand and Halton regions and to be more in line with the historic actuals seen over the last several years.

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ONGOING INITIATIVES

Lead Water Service Replacement Loan Program

The City's Lead Water Service Replacement Loan Program (Loan Program) was approved by Council in October 2008. The purpose of the Loan Program is to provide homeowners with the continued opportunity to access funding, through an interest-bearing loan from the City, for the purpose of assisting homeowners to reduce their potential risk of exposure to lead in tap water that could be coming from their lead water service line. It should be noted that for qualified low-income property owners, the loan would be provided interest-free. The City's goal remains to replace the City's service stub (located on City property) in conjunction with the property owner replacing the service extension (located on private property), subject to the availability of funds.

The Loan Program enables eligible residential property owners that meet the program requirements to borrow a loan amount up to \$3 K to assist in repaying the cost of lead water service replacements. The loan amount is added to the homeowner's monthly water bill and is required to be repaid over a period of up to 10 years. The Loan Program is forecasting to provide 65 loans to residents in 2024 for a total of \$195 K. The Program has seen a decrease from the COVID-19 pandemic period but has issued over 2,700 loans with approximately \$5.9 M in financing since its inception.

Low Income Seniors Utility Rebate Program

The Low Income Seniors Utility Rebate Program was introduced in 2024. The Program provides a rebate amount of approximately 15% of the average residential water and

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wastewater / storm annual bill amount with the rebate amount being identified during each Rate Supported budget cycle. For example, 2025 recipients would receive \$160 in assistance. The annual utility rebate is provided as a credit to qualified applicants on their June property tax bill for ease of administration and is clearly identified as the Low Income Seniors Utility Rebate. In 2024, the rebate was applied to nearly 2,700 residents for a total of approximately \$389 K in utility relief.

Utility Billing Transition

On August 6, 2021, the City was advised that Alectra's Board of Directors, at its meeting of May 21, 2021, approving an Alectra staff recommendation to discontinue utility billing services as of December 31, 2024 (for details refer to Report FCS21082). It should be noted that Alectra similarly provided notice of termination to the municipalities of Guelph, Markham and Vaughan. All four municipalities have executed extension agreements with Alectra to continue providing utility billing services up to December 31, 2025.

The City is moving forward with a Hybrid Billing Model which requires the City to acquire a billing software solution referred to as a Customer Information System. The successful preferred vendor is SpryPoint a leading provider of cloud-based solutions for the utility sector based in Charlottetown, Prince Edward Island. Staff will proceed to procure Contact Centre, Customer Portal, Bill Print and Meter Reading services and establish an in-house Back Office (billing and collections) unit (refer to Report FCS21082(e) for details).

As per Report FCS21082(g), the revised completion timing of the billing transition program is Q4 2025.

Stormwater Funding Model

A new stormwater funding model has been approved by Council and will be implemented in April 2026. The City will no longer use revenues collected through water and wastewater bills and property taxes to fund stormwater management. Instead, Council has approved a dedicated stormwater fee, where properties will be charged based on the load (or use) they place on the stormwater system. Residential properties will pay based on the type of dwelling (e.g., single-family detached dwellings, duplexes / townhomes and multiplexes). Nonresidential and large multi-residential properties will pay based on their measured imperviousness (the amount of hard surface on their property). Refer to FCS22043(b) for further details.

When this new funding model is implemented, wastewater rates will be reduced as they will no longer be used to fund stormwater management activities and the stormwater fee will be broken out as a separate line item on utility bills.

The Waterworks Asset Management Plan (2022) identified a significant infrastructure deficit, specifically within the stormwater program. In order to eliminate this deficit by 2034, the 10-year stormwater capital program has increased from \$441 M in 2023 to \$650 M in 2025. Staff has developed the recommended single family unit (SFU) rate by considering the 2026

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forecasted operating and capital expense for the City's stormwater management program, the costs that would be transferred from the Tax Levy (Conservation Authorities and Road Maintenance), the cost to administer the storm fee and the cost of the incentive programs, which is described below. The result of this review resulted in an annual SFU rate of \$270.10.

Staff is recommending a daily SFU rate of \$0.74 (\$270.10 annually) for April 2026 implementation be approved, in principle, with recommendation (I) to Report FCS24055. This will allow residents to be better informed of the future cost impact by utilizing the Stormwater Fee Estimator inquiry tool (under development) throughout 2025. This will allow residents and businesses to budget for the new fee.

Like other municipalities who have implemented similar stormwater funding models (Ottawa, Mississauga, Kitchener and Guelph, to name a few), Council approved an incentive program in June 2024 (refer to FCS22043(c) for further details). This unique "made in Hamilton" incentive program includes a multi-stream credit program for industrial, commercial, institutional, agricultural and multi-residential properties with greater than six units. The incentive program encourages property owners to implement on-site measures to reduce the amount and / or improve the quality of stormwater runoff from their property. The application process for the incentive program is planned to open in April 2025, in advance of the April 2026 stormwater fee implementation date. This will allow businesses to plan for investments and prepare a business case for potential upgrades or retrofits to qualify for a stormwater credit and reduce their base fee.

Subsidized programs to support better on-site stormwater management for single-family residential and multi-residential properties with six or fewer units will be administered by Green Venture. The program will begin in 2025. An incentive program will not only help some property owners to reduce stormwater fees, but it will also encourage and support on-site stormwater management that better supports the natural water balance and protects the natural environment.

DETAILS OF MAJOR CAPITAL PROJECTS

Woodward Wastewater Treatment Expansion Project

The Phase One program for improvements at the Woodward WWTP was for asset renewal, electrical system upgrades and treated effluent quality enhancements, with the final project reaching substantial performance in April 2024. Phase Two of the WWTP improvements is for asset renewal and the expansion of the WWTP capacity to accommodate growth. The total Phase Two program budget is \$535.4 M, with the DC Eligible component being \$353.8 M. Construction for Phase Two related to expansion is proposed to start in approximately 2028 and be completed in 2032.

As outlined in Table 10, the gross budget for the WWTP upgrade and expansion has increased by \$10.0 M compared to the 2024 Budget forecast. The increase can be attributed to minor scope updates (\$1.5 M) and the inclusion of non-recoverable HST into the budget (\$9.43 M).

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The levels of debt supported by DCs represent a significant risk if future growth does not materialize as planned. Staff will continue to monitor growth forecasts and DC Revenues over the next four years (2025 – 2028) and adjust the WWTP expansion project and associated financing plan to align with growth requirements. Staff in both Corporate Services (Financial Planning, Administration and Policy) and Public Works (Hamilton Water) will closely monitor the need for WWTP expansion, as well as, the forecasted DC Revenue streams needed to pay for such an expansion to mitigate the risk to the ratepayer.

l able 10												
Woodward Wastewater Treatment Plant Project - Gros (\$ Millions)	ss Capit	al For	ecasts									
		pre										
	Total	2025	2025	2026	2027	2028	2029	2030	2031	2032	2033	203
2025 Budget												
Woodward WWTP - Expansion	487.5	27.6	8.4	59.2	111.1	111.1	111.1	59.2		-	-	-
Woodward WWTP - North Digester Complex Rehabilitation	47.9	6.7	1.7	20.0	19.5					-	-	
Total WWTP	535.4	34.3	10.1	79.2	130.6	111.1	111.1	59.2	-	-	-	-
2024 Budget												
Woodward WWTP - Expansion	477.2	27.6	7.6	57.9	108.7	108.7	108.7	57.9	-	-	-	-
Woodward WWTP - North Digester Complex Rehabilitation	48.2	6.7	20.8	20.8	-	-	-	-	-	-	-	
Total WWTP	525.4	34.3	28.3	78.7	108.7	108.7	108.7	57.9	-	-	-	-
increase (Decrease)												
Woodward WWTP - Expansion	10.3	-	0.8	1.2	2.3	2.3	2.3	1.2	-	-	-	-
Woodward WWTP - North Digester Complex Rehabilitation	(0.3)	-	(19.1)	(0.8)	19.5	-	-	-	-	-	-	
Total WWTP	10.0	-	(18.2)	0.5	21.8	2.3	2.3	1.2	-	-	-	-

Table 40

Chedoke Creek – Cootes Paradise Workplan

In 2018, the City discovered that one of its combined sewer overflow tanks was discharging combined sewage into Chedoke Creek. The City immediately stopped the discharge, began clean-up activities in the area and contacted the Provincial Spills Action Centre. As a result of the overflow discharge, the City was served an Order by the Ministry of Environment. Conservation and Parks (MECP) outlining several actions required by the City.

The first part of the Order required the City to develop the Chedoke Creek Workplan, which was approved by the Ministry of the Environment, Conservation and Parks on June 11, 2021 and identified the remedial strategy for targeted dredging in Chedoke Creek. The targeted dredging project was completed at the end of 2023 within budget and in compliance with the Order deadlines.

The second part of the Order required the City to develop the Cootes Paradise Workplan. This Workplan proposed remediation and mitigation works to offset the impacts associated with the added nutrient loading to Cootes Paradise and the Western Hamilton Harbour Area that could not be recovered by dredging Chedoke Creek. This part of the Order has no deadlines, but work began in 2021 by collaborating with the Royal Botanical Gardens to review potential remedial solutions.

It was determined early in the process that Municipal Class Environmental Assessments would be required to consider the most impactful remedial alternatives for Cootes Paradise. There are currently three Environmental Assessments tied to the Order:

- Ainslie Woods Sewer Separation Environmental Assessment
- Lower Chedoke Creek Combined Environmental Assessment
- Chedoke Watershed Stormwater Retrofit Environmental Assessment

Table 11 details the capital investment that has been included in the 2025 – 2034 Rate Supported Capital Forecast to meet the requirements of the initial Chedoke Creek and Cootes Paradise Workplans. The entirety of the workplan has been funded by reserves.

Chedoke Creek - Cootes Paradise Workplan (\$000's)	able						
(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Total	Pre-2025	2025	2026	2027	2028	2029- 2034
Chedoke Creek Water Quality Improvements (CASH FLOWED)	12,450	12,450		-	-	-	-
Lower Chedoke Combined EA Study	7,230	1,930		1,100	2,100	2,100	-
Chedoke Watershed Stormwater Retrofit EA Study	11,980	1,380	-	3,150	3,150	3,150	1,150
Total	31,660	15,760	-	4,250	5,250	5,250	1,150

Table 1	1
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Woodward Water Treatment Plant

The Woodward Water Treatment Plant (WTP) is a conventional drinking water treatment plant with a rated capacity of 909 million litres per day, providing potable drinking water and fire protection to the Hamilton community. It is the only Water Treatment Plant servicing the City's greater urban area and, as a result, it provides potable drinking water for close to 570,000 residents, industrial, commercial and institutional properties and there are also service connections to limited areas of Halton Region and Haldimand County. The plant was originally constructed in 1931 and expanded in the late 1950s with various improvements occurring over the decades. The treatment process includes intake chlorination (for zebra mussel control and pathogen inactivation), screening, pre-chlorination (for pathogen inactivation), coagulation, flocculation, conventional gravity sedimentation, granular activated carbon filtration, post-filter chlorination / ammoniation, followed by fluoridation (for the reduction of dental caries) and ortho-phosphate addition (for corrosion control).

Over the last several years, Public Works (Hamilton Water) completed a Best Available Technologies and Feasibility Study (CH2M Hill 2016) and a Conceptual Design (AECOM 2022) for the WTP Phase 2 Process Upgrades. Concurrently, Hamilton Water completed the WTP Phase 1 Process Upgrades through a construction project that involved \$25 M in large capital maintenance upgrades. The upcoming WTP Phase 2 Process Upgrades are largely focused on increasing capacity output of select processes within the WTP along with critical process and water quality improvements.

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In 2024, Hamilton Water completed a Third-Party Review Assignment that included key areas that are deemed critical to the success of the Water Treatment Plant Phase 2 Upgrades with a focus on reviewing the Phase 2 Conceptual Design components developed in 2022. The Review Assignment considered whether certain portions of the work could be deferred as a future phase to reduce project scope or to defer capital expenditures. The Review Assignment concluded that the Water Treatment Plant Phase 2 Capital Program should be split into Phases 2A and 2B which will provide project staff the ability to prioritize key process upgrades that protect public health ahead of a capacity expansion to support Hamilton's growth and development.

In the 2025 Budget, Phase 2 has been split up into Phase 2A and Phase 2B as the growth-related upgrades were delayed until years which the capacity requirements are required to accommodate growth. Phase 2A is the non-growth component of the upgrades which is currently planned to commence a full design assignment in 2025 and a subsequent construction tender from 2028 through 2032. Phase 2B is the growth component of the upgrades which is currently planned to commence a design assignment in 2029 with construction beginning in 2032 and target completion by 2035. Eligible expenses of Phase 2B are 100% funded by DC Debt.

The Waterworks Asset Management Plan identified that the condition of the Water Treatment Plant is rated as Poor, largely due to the deficiencies that will be addressed by the Water Treatment Plant Phase 2 Capital Program. The key goals of this capital program are to address the poor asset condition, resolve process capacity restrictions, provide a resilient water treatment system and robust production process, while utilizing best available technologies. As summarized in Table 12, the estimated capital cost for the Water Treatment Plant Phase 2A and 2B Projects is \$340.9 M and \$211.9 M, respectively, including engineering, construction contingency and inflation.

	ιαμι	eız					
Woodward Water Treatment Plant Workplan (\$000's)							
	Total	Pre-2025	2025	2026	2027	2028	2029-2034
2025 Budget							
Woodward Water Treatment Plant - Phase 2A	340,916	11,354	5,182	5,182	28,382	51,112	239,704
Woodward Water Treatment Plant - Phase 2B	211,867	-	-	-	-	-	211,867
Total Phase 2	552,783	11,354	5,182	5,182	28,382	51,112	451,571
2024 Budget							
Woodward Water Treatment Plant - Phase 2A	337,940	11,354	4,810	4,810	28,010	50,740	238,216
Woodward Water Treatment Plant - Phase 2B	210,007	-	-	-	-	-	210,007
Total Phase 2	547,947	4,544	6,810	4,810	4,810	28,010	498,963
Increase (Decrease)							
Woodward Water Treatment Plant - Phase 2A	2,976	-	372	372	372	372	1,488
Woodward Water Treatment Plant - Phase 2B	1,860	-	-	-	-	-	1,860
Total Phase 2	4,836	-	372	372	372	372	3,348

Table 12

Dundas Wastewater Treatment Plant (WWTP)

The Dundas Wastewater Treatment Plant is a conventional activated sludge facility established in 1962 that received a major upgrade in 1977 and a second major upgrade (the addition of a tertiary filtration process) in 1988. The facility provides a rated capacity of 18,200 m³/d. It discharges treated final effluent to Cootes Paradise via the Desjardin's Canal. The Waterworks Asset Management Plan identified that the condition of the Dundas Wastewater Treatment Plant is rated as Poor due to significant deterioration, as well as, major parts of the plant processes and structures reaching the end of their normal service life.

Over the last several years, Public Works (Hamilton Water) developed a comprehensive capital upgrade plan for the Dundas Wastewater Treatment Plant. These upgrades will fully restore the facility to a condition rating of Good, while supporting the community of Dundas for future generations and meeting the City's commitment to environmental stewardship and the Hamilton Harbour Remedial Action Plan. This effort is being undertaken with careful consideration of various critical factors including existing site constraints, treated final effluent criteria and life cycle costs.

In 2024, Hamilton Water completed a conceptual design for the wastewater treatment plant in collaboration with various City divisions. This work included a thorough technology screening and evaluation process targeting Best Available Technology that can achieve proposed treated final effluent criteria and the development of a constructability and sequencing approach to the wastewater treatment plant upgrade.

The estimated capital cost for the Dundas Wastewater Treatment Plant upgrade project is \$254 M, including inflation, engineering, construction and contingency. The project design is anticipated to commence in 2025 with construction starting in 2028 and completion by 2033.

A 10-year cash flow forecast for the Dundas Wastewater Treatment Plant upgrades was initially set at \$142 M in the 2023 Water, Wastewater and Storm Rate Budget. However, recent updates from the Conceptual Design phase have revised this estimate to approximately \$254 M which is now reflected in the 2025 Water, Wastewater, and Storm Rate Budget.

This increase was reported to Public Works Committee on September 30, 2024 through Report PW 24059. As outlined in Table 13, the estimated increase of \$112 M is the result of the 2024 Conceptual Design which also assessed current market conditions and inflation-related factors. It is noted in the Water and Wastewater Master Plan (2006) that growth potential in the community of Dundas is limited and there is no opportunity for DC revenues to fund this upgrade.

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Dundas WWTP Improvements Workplan (\$000's)							
	Total	Pre-2025	2025	2026	2027	2028	2029- 2034
2025 Budget	254,320	5,710	2,881	3,381	46,093	41,893	154,362
2024 Budget	142,010	5,710	1,650	2,150	26,750	22,550	83,200
Increase (Decrease)	112,310	-	1,231	1,231	19,343	19,343	71,162

Table 13

Flooding and Draining Improvement Framework

On August 10, 2022, the Public Works Committee received Report PW22071. This Report provided a roadmap that guides the City of Hamilton toward improved drainage system performance to mitigate community flooding and Combined Sewer Overflows. The completed assessment recommended a significant capital investment and infrastructure program that carries an estimated 10-year cost of \$367 M, 10 to 20-year cost of \$258 M and a 20+ year cost of \$404 M, for a total program value exceeding \$1.0 B.

Due to increased urbanization, growth intensification and increases in the frequency and intensity of rainfall events due to climate change, the original design capacity of the City's legacy Combined Sewer System has become strained, resulting in the Combined Sewer System capacity being overloaded more frequently during higher volume rain events. These pressures, along with a lack of major overland flow routes, have resulted in both overland and basement flooding issues throughout the Combined Sewer System.

Recommended strategies are focused on Managed Sewer Separation, an effort to build separated storm sewer infrastructure within the Combined Sewer System where it does not currently exist today. Beyond managed sewer separation, additional recommendations are made to provide support for increased levels of sewer system service to the community in the form of potential for new solutions including underground storage, major system conveyance improvements, inlet controls, green infrastructure and private property measures. The 2025 – 2034 capital program includes unspecified works projects totalling \$118.4 M for flooding and drainage improvement framework projects. This budget will be allocated to specific projects following the completion of four significant Environmental Assessments and an upcoming Wet Weather Masterplan for the City's combined sewer system that will evaluate shorter term opportunities to reduce Combined Sewer Overflows to Hamilton Harbour. The 10-year program cost, 10 to 20-year program cost and 20+ year program cost will also be refined based on the results of these major studies.

Watershed Action Plan

The Watershed Action Plan is a strategic framework to protect and enhance Hamilton's watersheds, building on the City's Clean Harbour Program. Heavily focused on collaboration with water partners and the community, it aims to reduce pollutants, improve stormwater

management, promote green infrastructure and engage the community in sustainable practices. The ultimate goal is improving Hamilton Harbour's health, enhancing natural habitats, and fostering a resilient watershed within an environmentally responsible community.

Implementation:

- 91 Actions: 55 are already in practice or underway with established funding. The remaining 36 are pending and prioritized based on a scoring matrix developed with community partners.
- Implementation Strategy: The first phase focuses on 10 prioritized actions over the next three years.

Funding:

- **Total Cost**: Estimated at \$40 M to complete all 36 actions.
- Initial Funding Request: \$2.65 M over 10 years from the Water, Wastewater, and Stormwater Rate Budget. The remainder will be budgeted from the project lead, which could include the Rate budget or the Levy budget depending on which department is responsible for the action.
- Additional Funding Sources: Sought from federal and provincial grants and a portion of the City's stormwater fee starting in April 2026.

Asset Management

There is currently \$379.3 M in the 2025 – 2034 Capital Program for Asset Management projects related to water and wastewater outstation upgrades and inspections. In addition to this, unspecified works totalling \$337.5 M are included in the Capital Program from 2031 – 2034. Unspecified works are used to budget for an anticipated level of spending required to maintain current levels but the exact projects that these funds will go to is currently unknown.

Provincial / Federal Subsidy Programs

The City of Hamilton will be required to pursue future Provincial and Federal intake programs as they become available to address the infrastructure gap. The 2025 Water, Wastewater and Storm Budget includes \$0.3 M in Provincial and Federal Subsidy Revenues from various sources. The 2025 – 2034 capital forecast period includes the following confirmed Provincial and Federal Subsidy Revenues: \$4.2 M from the Housing-Enabling Water Systems Fund, \$0.1 M from Metrolinx and \$6.0 M from the Disaster Mitigation and Adaptation Fund. In addition to these confirmed revenues, \$95.9 M in anticipated subsidy revenues from Provincial and Federal subsidy programs has been included in the 2025 – 2024 capital forecast.

Although the City of Hamilton anticipates future subsidy revenues, there are currently no active Federal or Provincial programs and continued advocacy will be required to secure subsidy funding. It is assumed that funding programs will be available for the Woodward WWTP – North Digester Complex Rehabilitation in 2026 and 2027 and the Dundas WWTP

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Improvements in years 2026 – 2032. In addition to this, the 2025 – 2034 capital forecast period includes \$6.3 M in Federal Subsidy Revenues from Infrastructure Canada's Disaster Mitigation and Adaptation Fund (DMAF). Five projects were submitted to Infrastructure Canada for consideration. The City of Hamilton has been notified of one successful application to date for the SERG – Parkside and Kipling Stormwater Infrastructure project. Currently, it is unknown if the remaining applications will be successful as no response has been received to date. Further details can be found in Report FCS21090(b).

ALTERNATIVES FOR CONSIDERATION

Beyond the recommended rate increase, Council can direct staff to submit for Council consideration changes to this budget submission that would require a review of the 2025 Capital and Operating Budget submissions.

APPENDICES AND SCHEDULES ATTACHED

••	Hamilton Water, Wastewater and Storm Operating et – Combined Water, Wastewater and Storm
Appendix "B" to Report FCS24055 – 2025	Hamilton Water Operating Budget – Water
	Hamilton Wastewater and Storm Operating et – Combined Wastewater and Storm
•••	Hamilton Wastewater and Storm Operating et – Wastewater
	Hamilton Wastewater and Storm Operating et – Storm
Sumi	ilton Water – 2025 Rate Supported Staffing mary and 2024 Rate Budget – Business Case mary – Public Works
	Water and Wastewater / Storm Fees and ges, Effective January 1, 2025 – 2025 Private Fire Rates – 2025 Proposed User Fees and Charges
•••	ce of Capital Financing – 2025 to 2034 Rate ram Capital Budget
•••	to 2034 Water / Wastewater / Storm Capital cing Plan
	e of Capital Financing – 2025 to 2034 Rate am Capital Budget – Water

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Appendix "K" to Report FCS24055 – Water System – 2025 Capital Budget Project List
Appendix "L" to Report FCS24055 – Water System – 2025 to 2034 Capital Budget List
Appendix "M" to Report FCS24055 – Source of Capital Financing – 2025 to 2034 Rate Program Capital Budget – Wastewater
Appendix "N" to Report FCS24055 – Wastewater System – 2025 Capital Budget Project List
Appendix "O" to Report FCS24055 – Wastewater System – 2025 to 2034 Capital Budget List
Appendix "P" to Report FCS24055 – Source of Capital Financing – 2025 to 2034 Rate Program Capital Budget – Storm Sewers
Appendix "Q" to Report FCS24055 – Storm Water Management – 2025 Capital Budget Project List
Appendix "R" to Report FCS24055 – Storm Water Management – 2025 to 2034 Capital Budget List
Appendix "S" to Report FCS24055 – 2025 Rate Program Capital Budget Summary
Appendix "T" to Report FCS24055 – City of Hamilton Treasurer's Updated 2024 Annual Repayment Limit

CITY OF HAMILTON

2025 HAMILTON WATER, WASTEWATER AND STORM OPERATING BUDGET

				••••			
	2024	2024	2025	CHANG	E	CHANG	E
	RESTATED	PROJECTED	REQUESTED	2024 PROJECTE	D ACTUAL	2025 REQUE	STED /
	BUDGET	ACTUAL	BUDGET	/ 2024 RESTATE	DBUDGET	2024 RESTATED	BUDGET
OPERATING EXPENDITURES:	\$	\$	\$	\$	%	\$	%
Divisional Administration & Support	12,840,988	12,840,988	13,619,185	-	0.0%	778,197	6.1%
Woodward Upgrades	1,705,213	1,705,213	1,800,392	-	0.0%	95,179	5.6%
Customer Service & Community Outreach	10,917,201	10,917,201	7,594,460	-	0.0%	(3,322,741)	(30.4%)
Compliance & Regulations	9,210,451	9,210,451	9,658,887	-	0.0%	448,436	4.9%
Water Distribution & Wastewater Collection	25,449,695	25,449,695	25,593,759	-	0.0%	144,063	0.6%
Plant Operations	40,003,970	40,003,970	41,110,489	-	0.0%	1,106,519	2.8%
Plant Maintenance	13,618,557	13,618,557	14,154,194	-	0.0%	535,638	3.9%
Capital Planning & Delivery	6,160,892	6,160,892	6,902,896	-	0.0%	742,004	12.0%
Watershed Management	1,863,619	1,863,619	1,958,800	-	0.0%	95,181	5.1%
Wastewater Abatement Program	1,141,839	1,141,839	1,141,840	-	0.0%	1	0.0%
Alectra Utilities Service Contract	6,106,720	6,106,720	6,307,621	-	0.0%	200,901	3.3%
Low Income Seniors Utility Rebate	500,061	500,061	500,066	-	0.0%	4	0.0%
Sewer Lateral Management Program	300,000	300,000	300,000	-	0.0%	-	0.0%
Hamilton Harbour Remedial Action Plan	679,084	679,084	679,088	-	0.0%	3	0.0%
Residential Stormwater Subsidy Program	-	-	500,000	-	0.0%	500,000	0.0%
Protective Plumbing Program (3P)	750,016	750.016	750.018	-	0.0%	2	0.0%
Financial Charges	84,483	84,483	84,486	-	0.0%	3	0.0%
	131,332,790	131,332,790	132,656,180	-	0.0%	1,323,390	1.0%
Capital and Reserve Recoveries	(10,220,350)	(10,220,350)	(11,157,253)	-	0.0%	(936,903)	9.2%
Sub-Total	121,112,440	121,112,440	121,498,927	-	0.0%	386,487	0.3%
Capital and Reserve Impacts on Operating							
Contributions to Capital							
Water Quality Initiatives	61,897,966	61,897,966	68,249,774	-	0.0%	6,351,808	10.3%
Wastewater	53,114,298	53,114,298	66,360,038	-	0.0%	13,245,740	24.9%
Stormwater	19,858,000	19,858,000	31,470,621	-	0.0%	11,612,621	58.5%
Sub-Total Contributions to Capital	134,870,264	134,870,264	166,080,432	-	0.0%	31,210,168	23.1%

COMBINED WATER, WASTEWATER AND STORM

CITY OF HAMILTON

2025 HAMILTON WATER, WASTEWATER AND STORM OPERATING BUDGET

	COMB	INED WATER, WA	ASIEWAIER AND	STORIVI			
	2024	2024	2025	CHANG	E	CHANG	E
	RESTATED	PROJECTED	REQUESTED	2024 PROJECTE	D ACTUAL	2025 REQUES	STED /
	BUDGET	ACTUAL	BUDGET	/ 2024 RESTATE	DBUDGET	2024 RESTATED	BUDGET
OPERATING EXPENDITURES:	\$	\$	\$	\$	%	\$	%
Contributions for DC Exemptions							
Water Quality Initiatives	18,872,380	18,872,380	17,316,329	-	0.0%	(1,556,051)	(8.2%)
Wastewater	11,323,428	11,323,428	10,389,797	-	0.0%	(933,631)	(8.2%)
Stormwater	7,548,952	7,548,952	6,926,532	-	0.0%	(622,420)	(8.2%)
Sub-Total Contributions for DC Exemptions	37,744,760	37,744,760	34,632,658	-	0.0%	(3,112,102)	(8.2%)
Capital Debt Charges							
Water Quality Initiatives	11,493,793	11,493,793	11,785,204	-	0.0%	291,411	2.5%
Wastewater	12,870,675	12,870,675	12,984,897	-	0.0%	114,222	0.9%
Stormwater	4,171,929	4,171,929	4,655,119	-	0.0%	483,190	11.6%
DC Debt Charges Recoveries	(5,925,608)	(5,925,608)	(6,541,418)	-	0.0%	(615,810)	10.4%
Sub-Total Debt Charges	22,610,789	22,610,789	22,883,803	-	0.0%	273,014	1.2%
Sub-Total Capital Financing	195,225,813	195,225,813	223,596,894	-	0.0%	28,371,081	14.5%
Reserve Transfers	(12,999,314)	(12,999,314)	(17,316,330)	-	0.0%	(4,317,015)	33.2%
Sub-Total Capital and Reserve Impacts on							
Operating	182,226,499	182,226,499	206,280,564	-	0.0%	24,054,065	13.2%
TOTAL EXPENDITURES	303,338,939	303,338,939	327,779,491	-	0.0%	24,440,552	8.1%
REVENUES:							
Rate Revenue							
Residential	134,524,794	134,524,794	147,041,410	-	0.0%	12,516,615	9.3%
Industrial/Commercial/Institutional/Multi-res	140,870,792	140,870,792	155,304,758	-	0.0%	14,433,966	10.2%
Haldimand	3,959,129	3,959,129	4,837,766	-	0.0%	878,637	22.2%
Halton	338,834	338,834	475,024	-	0.0%	136,190	40.2%
Raw Water	197,704	197,704	215,624	-	0.0%	17,920	9.1%
Non-Metered	1,195,700	1,195,700	1,314,074	-	0.0%	118,374	9.9%
Private Fire Lines	1,956,600	1,956,600	2,500,000	-	0.0%	543,400	27.8%
Hauler / 3rd Party Sales	1,968,512	1,968,512	2,013,788	-	0.0%	45,276	2.3%
Overstrength Agreements	3,507,880	3,507,880	3,588,562	-	0.0%	80,681	2.3%
Sewer Surcharge Agreements	7,145,429	7,145,429	7,309,774	-	0.0%	164,345	2.3%
Sub-Total Utility Rates	295,665,374	295,665,374	324,600,778	-	0.0%	28,935,405	9.8%

COMBINED WATER, WASTEWATER AND STORM

CITY OF HAMILTON

2025 HAMILTON WATER, WASTEWATER AND STORM OPERATING BUDGET

	2024 RESTATED BUDGET	2024 PROJECTED ACTUAL	2025 REQUESTED BUDGET	CHANG 2024 PROJECTI / 2024 RESTATE	ED ACTUAL	CHANG 2025 REQUE 2024 RESTATED	STED /	
OPERATING EXPENDITURES:	\$	\$	\$	\$	%	\$	%	
Non-Rate Revenue								
Local Improvement Recoveries	275,850	275,850	275,850	-	0.0%	-	0.0%	
Permits / Leases / Agreements	1,198,036	1,198,036	1,225,591	-	0.0%	27,555	2.3%	
Investment Income	450,000	450,000	450,000	-	0.0%	-	0.0%	
General Fees and Recoveries	1,199,679	1,199,679	1,227,271	-	0.0%	27,593	2.3%	
Building Faster Fund	4,550,000	4,550,000	-	-	0.0%	(4,550,000)	(100.0%)	
Sub-Total Non-Rate Revenue	7,673,565	7,673,565	3,178,713	-	0.0%	(4,494,853)	(58.6%)	
TOTAL REVENUES	303,338,939	303,338,939	327,779,491	-	0.0%	24,440,552	8.1%	
NET EXPENDITURES		-	-	-	0.0%	-	0.0%	

COMBINED WATER, WASTEWATER AND STORM

CITY OF HAMILTON 2025 - 2028 HAMILTON WATER, WASTEWATER AND STORM OPERATING BUDGET COMBINED WATER, WASTEWATER AND STORM

	0004	0005		0007	0000	CHANGE		01141105		CHANGE		
	2024	2025	2026	2027	2028			CHANGE		_		
	RESTATED	REQUESTED	PROJECTED	PROJECTED	PROJECTED	2025 REQUE	STED /	2026 PROJECTE	D/	2027 PROJEC	CTED /	
	BUDGET	BUDGET	BUDGET	BUDGET	BUDGET	2024 RESTATED	BUDGET	2025 REQUESTED B	UDGET	2026 PROJECTED	BUDGET	
	\$	\$	\$	\$	\$	\$	%	\$	%	\$	%	
OPERATING EXPENDITURES:												
Divisional Administration & Support	12,840,988	13.619.185	13,923,724	14.351.406	14,833,949	778.197	6.1%	304,540	2.2%	427.682	3.1%	
Woodward Upgrades	1,705,213	1,800,392	1,852,202	1,905,549	1,960,480	95,179	5.6%	51,810	2.9%	53,347	2.9%	
Customer Service & Community Outreach	10,917,201	7,594,460	7,959,160	8,212,788	8,744,384	(3,322,741)	(30.4%)	364,699	4.8%	253,629	3.2%	
Compliance & Regulations	9,210,451	9,658,887	10,044,836	10,567,535	11,003,137	448,436	4.9%	385,949	4.0%	522,699	5.2%	
Water Distribution & Wastewater Collection	25,449,695	25,593,759	26,242,100	27,045,702	27,879,855	144,063	0.6%	648,341	2.5%	803,602	3.1%	
Plant Operations	40,003,970	41,110,489	42,253,743	43,546,909	44,923,769	1,106,519	2.8%	1,143,253	2.8%	1,293,166	3.1%	
Plant Maintenance	13,618,557	14,154,194	14,734,984	15,225,218	15,606,993	535,638	3.9%	580,790	4.1%	490,233	3.3%	
Capital Planning & Delivery	6,160,892	6,902,896	7,253,264	7,772,796	7,999,256	742,004	12.0%	350,368	5.1%	519,532	7.2%	
Watershed Management	1,863,619	1,958,800	2,129,533	2,186,916	2,404,813	95,181	5.1%	170,733	8.7%	57,383	2.7%	
Wastewater Abatement Program	1,141,839	1,141,840	1,168,102	1,194,969	1,222,453	1	0.0%	26,262	2.3%	26,866	2.3%	
Alectra Utilities Service Contract	6,106,720	6,307,621	6,452,523	6,600,759	6,752,404	200,901	3.3%	144,903	2.3%	148,236	2.3%	
Low Income Seniors Utility Rebate	500,061	500,066	500,067	500,069	500,070	4	0.0%	2	0.0%	2	0.0%	
Sewer Lateral Management Program	300,000	300,000	300,000	300,000	300,000	-	0.0%	-	0.0%	-	0.0%	
Hamilton Harbour Remedial Action Plan	679,084	679,088	690,103	701,372	712,901	3	0.0%	11,016	1.6%	11,269	1.6%	
Residential Stormwater Subsidy Program	-	500,000	500.000	500.000	500,000	500,000	0.0%	-	0.0%	-	0.0%	
Protective Plumbing Program (3P)	750,016	750,018	750,020	750,021	750,023	2	0.0%	2	0.0%	2	0.0%	
Financial Charges	84,483	84,486	84,489	84,492	84,495	3	0.0%	3	0.0%	3	0.0%	
5	131,332,790	132,656,180	136,838,850	141,446,501	146,178,981	1,323,390	1.0%	4,182,670	3.2%	4,607,651	3.4%	
Capital and Reserve Recoveries	(10,220,350)	(11,157,253)	(11,469,589)	(11,791,142)	(12,122,186)	(936,903)	9.2%	(312,336)	2.8%	(321,553)	2.8%	
Sub-Total	121,112,440	121,498,927	125,369,261	129,655,359	134,056,795	386,487	0.3%	3,870,334	3.2%	4,286,098	3.4%	
Capital and Reserve Impacts on Operating												
Contributions to Capital												
Water Quality Initiatives	61,897,966	68,249,774	71,530,445	72,871,044	97,953,325	6,351,808	10.3%	3,280,671	4.8%	1,340,599	1.9%	
Wastewater	53,114,298	66,360,038	70,830,899	69,798,622	60,595,512	13,245,740	24.9%	4,470,861	6.7%	(1,032,277)	(1.5%)	
Stormwater	19,858,000	31,470,621	31,906,300	37,704,168	34,903,626	11,612,621	58.5%	435,679	1.4%	5,797,868	18.2%	
Sub-Total Contributions to Capital	134,870,264	166,080,432	174,267,644	180,373,834	193,452,463	31,210,168	23.1%	8,187,211	4.9%	6,106,190	3.5%	
Contributions for DC Exemptions												
Water Quality Initiatives	18,872,380	17,316,329	17,489,492	17,662,656	17,835,819	(1,556,051)	(8.2%)	173,163	1.0%	173,163	1.0%	
Wastewater	11,323,428	10.389.797	10,493,695	10,597,593	10,701,491	(933,631)	(8.2%)	103,898	1.0%	-,	1.0%	
Stormwater	7,548,952	6,926,532	6,995,797	7,065,062	7,134,328	(622,420)	(8.2%)	69,265	1.0%	69,265	1.0%	
Sub-Total Contributions for DC Exemptions	37,744,760	34,632,658	34,978,985	35,325,311	35,671,638	(3,112,102)	(8.2%)	346,327	1.0%	346,327	1.0%	
·		• 1,002,000	0 1,01 0,000			(0,,.0_)	(0.270)	• ••,•=•		••••,•=•		
Debt Charges												
Water Quality Initiatives	11,493,793	11,785,204	20,810,444	32,220,826	46,960,853	291,411	2.5%	9,025,239	76.6%	, ,	54.8%	
Wastewater	12,870,675	12,984,897	26,094,783	45,026,165	67,554,439	114,222	0.9%	13,109,885	101.0%	-,,	72.5%	
Stormwater	4,171,929	4,655,119	7,496,113	9,747,265	12,126,028	483,190	11.6%	2,840,993	61.0%	, ,	30.0%	
DC Debt Charges Recoveries	(5,925,608)	(6,541,418)	(20,183,104)	(36,908,227)	(55,059,333)	(615,810)	10.4%	(13,641,686)	208.5%	(16,725,123)	82.9%	
Reserve Transfers	(12,999,314)	(17,316,330)	(8,744,746)	-	(3)	(4,317,015)	33.2%	8,571,584	(49.5%)	8,744,746	(100.0%)	
Sub-Total Capital and Reserve Impacts on					(-)			. , .	,,			
Operating	182,226,499	206,280,564	234,720,118	265,785,175	300,706,085	24,054,065	13.2%	28,439,554	13.8%	31,065,058	13.2%	
TOTAL EXPENDITURES	303.338.939	327.779.491	360.089.379	-	434.762.879	24.440.552	8.1%	32.309.888	9.9%	35.351.156	9.8%	
	300,000,000	521,115,731	550,005,015	-	-34,102,013	27,770,002	0.176	02,000,000	J.J /0	00,001,100	0.070	

CITY OF HAMILTON 2025 - 2028 HAMILTON WATER, WASTEWATER AND STORM OPERATING BUDGET COMBINED WATER, WASTEWATER AND STORM

	2024	2025	2026	2027	2028	CHANGE		CHANGE		CHANGE	
	RESTATED	REQUESTED	PROJECTED	PROJECTED	PROJECTED	2025 REQUE	STED /	2026 PROJECTE	D /	2027 PROJECTED	
	BUDGET	BUDGET	BUDGET	BUDGET	BUDGET	2024 RESTATE	BUDGET	2025 REQUESTED BI	UDGET	2026 PROJECTED BUDGET	
	\$	\$	\$	\$	\$	\$	%	\$	%	\$	%
REVENUES:											
Rate Revenue											
Residential	134,524,794	147,041,410	162,588,181	179,844,913	198,945,692	12,516,615	9.3%	15,546,771	10.6%	17,256,732	10.6%
Industrial/Commercial/Institutional/Multi-res	140,870,792	155,304,758	170,799,575	187,558,349	206,229,316	14,433,966	10.2%	15,494,817	10.0%	16,758,774	9.8%
Haldimand	3,959,129	4,837,766	5,307,009	5,801,159	6,426,470	878,637	22.2%	469,243	9.7%	494,150	9.3%
Halton	338,834	475,024	522,194	571,300	631,656	136,190	40.2%	47,170	9.9%	49,106	9.4%
Raw Water	197,704	215,624	235,337	257,021	280,873	17,920	9.1%	19,712	9.1%	21,684	9.2%
Non-Metered	1,195,700	1,314,074	1,442,854	1,577,039	1,745,782	118,374	9.9%	128,779	9.8%	134,185	9.3%
Private Fire Lines	1,956,600	2,500,000	2,750,000	3,025,000	3,327,500	543,400	27.8%	250,000	10.0%	275,000	10.0%
Hauler / 3rd Party Sales	1,968,512	2,013,788	2,060,105	2,107,487	2,155,960	45,276	2.3%	46,317	2.3%	,	2.3%
Overstrength Agreements	3,507,880	3,588,562	3,671,098	3,755,534	3,841,911	80,681	2.3%	82,537	2.3%		2.3%
Sewer Surcharge Agreements	7,145,429	7,309,774	7,477,898	7,649,890	7,825,838	164,345	2.3%	168,125	2.3%	,	2.3%
Sub-Total Utility Rates	295,665,374	324,600,778	356,854,250	392,147,692	431,410,997	28,935,405	9.8%	32,253,472	9.9%	35,293,442	9.9%
Non-Rate Revenue											
Local Improvement Recoveries	275,850	275,850	275,850	275,850	275,850	-	0.0%	-	0.0%	-	0.0%
Permits / Leases / Agreements	1,198,036	1,225,591	1,253,780	1,282,617	1,312,117	27,555	2.3%	28,189	2.3%	28,837	2.3%
Investment Income	450,000	450,000	450,000	450,000	450,000	-	0.0%	-	0.0%	-	0.0%
General Fees and Recoveries	1,199,679	1,227,271	1,255,499	1,284,375	1,313,916	27,593	2.3%	28,227	2.3%	28,876	2.3%
Building Faster Fund	4,550,000	-	-	-	-	(4,550,000)	(100.0%)	-	0.0%	-	0.0%
Sub-Total Non-Rate Revenue	7,673,565	3,178,713	3,235,128	3,292,842	3,351,883	(4,494,853)	(58.6%)	56,416	1.8%	57,713	1.8%
TOTAL REVENUES	303,338,939	327,779,491	360,089,379	-	434,762,879	24,440,552	8.1%	32,309,888	9.9%	35,351,155	9.8%
NET EXPENDITURES		-	-		-	<u> </u>	0.0%	<u> </u>	0.0%	1	0.0%

CITY OF HAMILTON 2025-2034 HAMILTON WATER, WASTEWATER & STORM OPERATING BUDGET COMBINED WATER, WASTEWATER AND STORM

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	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
	Restated	Requested	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast
		• •									
OPERATING EXPENDITURES]										
OPERATING COSTS	121,112	121,499	125,369	129,655	134,057	138,168	142,555	146,288	150,126	154,073	158,132
TOTAL OPERATING COSTS	121,112	121,499	125,369	129,655	134,057	138,168	142,555	146,288	150,126	154,073	158,132
CAPITAL & RESERVE IMPACTS ON OPERAT											
	ING										
Contributions to Capital	64 000	60.050	74 520	70.074	07.052	00 517	100.000	100 100	140.010	82 402	04 407
Water Wastewater	61,898 53,114	68,250 66.360	71,530 70.831	72,871 69,799	97,953 60.596	90,517 82.319	126,029 83,391	160,160 82.032	140,919 123.660	83,193 219.349	81,137 180,353
Stormwater	19,858	31,471	31,906	37,704	34,904	39,214	37,876	49,082	69,396	78,176	90,711
Sub-total Contributions to Capital	134,870	166,080	174,268	180,374	193,452	212,051	247,296	291,275	333,975	380.717	352,201
	104,010	100,000		100,014	100,402	212,001	147,200	201,210	000,010	000,111	002,201
Contributions for DC Exemptions				.=							40.070
Water	18,872	17,316	17,489	17,663	17,836	18,009	18,182	18,355	18,528	18,702	18,879
Wastewater	11,323	10,390	10,494	10,598	10,701	10,805	10,909	11,013	11,117	11,221	11,328
Stormwater Sub-total Contributions to Capital	7,549 37,745	6,927 34,633	6,996 34,979	7,065 35,325	7,134 35,672	7,204 36,018	7,273 36,364	7,342 36,711	7,411 37,057	7,481 37,403	7,552 37,759
Sub-total Contributions to Capital	57,745	34,033	34,979	35,325	35,672	30,010	30,304	30,711	37,057	57,405	37,759
Debt Charges											
Water	11,494	11,785	20,810	32,221	46,961	59,089	63,288	65,927	66,685	70,980	75,111
Wastewater	12,871	12,985	26,095	45,026	67,554	86,826	95,897	99,229	97,155	97,235	96,214
Stormwater	4,172	4,655	7,496	9,747	12,126	13,762	14,395	14,764	14,483	14,218	12,976
DC Debt Charges Recoveries	(5,926)	(6,541)	(20,183)	(36,908)	(55,059)	(68,280)	(74,834)	(77,253)	(78,830)	(83,275)	(88,047)
Sub-total Debt Charges	22,611	22,884	34,218	50,086	71,582	91,398	98,746	102,667	99,493	99,157	96,255
	107.91%	101.21%	149.53%	146.37%	142.92%	127.68%	108.04%	103.97%	96.91%	99.66%	97.07%
Reserve Transfers	(12,999)	(17,316)	(8,745)	-	-	-	-	-	14,704	28,047	71,247
Sub-Total Capital & Reserve Impacts on											
Operating	182,226	206,281	234,720	265,785	300,706	339,466	382,406	430,652	485,230	545,325	557,461
TOTAL EXPENDITURES	303,339	327,779	360,089	395,441	434,763	477,634	524,961	576,940	635,356	699,398	715,593
REVENUES	1										
Residential	1 34,525	147,041	162.588	179.845	198,946	219.718	243.015	268.623	296.747	327,974	336.217
Industrial/Commercial/Institutional/Multi-res	140,871	155,305	170,800	179,645	206,229	219,718	243,015	273,634	301,825	332,343	339,015
Haldimand	3,959	4,838	5,307	5,801	6,426	7,023	7,667	8,430	9,320	10,312	10,513
Halton	339	475	522	571	632	690	754	830	917	1,014	1,035
Raw Water	198	216	235	257	281	307	336	368	403	441	483
Non-Metered	1,196	1,314	1,443	1,577	1,746	1,908	2,082	2,290	2,530	2,799	2,855
Private Fire Lines	1,957	2,500	2,750	3,025	3,328	3,660	4,026	4,429	4,872	5,359	5,895
Hauler / 3rd Party Sales	1,969	2,014	2,060	2,107	2,156	2,206	2,256	2,308	2,361	2,416	2,471
Overstrength Agreements	3,508	3,589	3,671	3,756	3,842	3,930	4,021	4,113	4,208	4,305	4,404
Sewer Surcharge Agreements	7,145	7,310	7,478	7,650	7,826	8,006	8,190	8,378	8,571	8,768	8,970
Non-Rate Revenue	7,674	3,179	3,235	3,293	3,352	3,412	3,474	3,537	3,602	3,668	3,736
TOTAL REVENUES	303,339	327,779	360,089	395,441	0	477,634	524,961	576,940	635,356	699,398	715,593
NET EXPENDITURES	-	-	-	-	434,763		-	-	-	-	
Rate Increase	10.04%	9.95%	10.04%	10.06%	10.07%	9.92%	10.06%	9.99%	9.99%	10.02%	2.03%
RESIDENTIAL BILL (200m ³ p.a.)	\$ 965.40	\$ 1,061.50	\$ 1,168.05	\$ 1,285.50	\$ 1,415.00	\$ 1,555.35	\$ 1,711.80	\$ 1,882.75 \$	2,070.85 \$	2,278.30 \$	2,324.55

CITY OF HAMILTON 2025 HAMILTON WATER OPERATING BUDGET WATER

	2024	2024	2025	CHANG		CHANGE					
	RESTATED	PROJECTED	REQUESTED	2024 PROJECTE	D ACTUAL	2025 REQUES	STED /				
	BUDGET	ACTUAL	BUDGET	/ 2024 RESTATE	D BUDGET	2024 RESTATED	BUDGET				
	\$	\$	\$	\$	%	\$	%				
OPERATING EXPENDITURES:											
Divisional Administration & Support	6,299,649	6,299,649	6,681,424	-	0.0%	381,775	6.1%				
Woodward Upgrades	818,758	818,758	864,458	-	0.0%	45,700	5.6%				
Customer Service & Community Outreach	5,540,718	5,540,718	3,854,355	-	0.0%	(1,686,364)	(30.4%)				
Compliance & Regulations	4,760,669	4,760,669	4,992,455	-	0.0%	231,786	4.9%				
Water Distribution & Wastewater Collection	17,488,076	17,488,076	17,587,071	-	0.0%	98,995	0.6%				
Plant Operations	16,504,521	16,504,521	16,961,039	-	0.0%	456,519	2.8%				
Plant Maintenance	6,809,278	6,809,278	7,077,097	-	0.0%	267,819	3.9%				
Capital Planning & Delivery	2,772,401	2,772,401	3,106,303	-	0.0%	333,902	12.0%				
Watershed Management	-	-	-	-	0.0%	-	0.0%				
Wastewater Abatement Program	-	-	-	-	0.0%	-	0.0%				
Alectra Utilities Service Contract	3,053,360	3,053,360	3,153,810	-	0.0%	100,450	3.3%				
Low Income Seniors Utility Rebate	250,029	250,029	250,031	-	0.0%	2	0.0%				
Sewer Lateral Management Program	-	-	-	-	0.0%	-	0.0%				
Hamilton Harbour Remedial Action Plan	-	-	-	-	0.0%	-	0.0%				
Residential Stormwater Subsidy Program	-	-	-	-	0.0%	-	0.0%				
Protective Plumbing Program (3P)	-	-	-	-	0.0%	-	0.0%				
Financial Charges	11	11	11	-	0.0%	-	0.0%				
- 3	64,297,471	64,297,471	64,528,055	-	0.0%	230,584	0.4%				
Capital and Reserve Recoveries	(4,776,763)	(4,776,763)		-	0.0%	(437,887)	9.2%				
Sub-Total	\$ 59,520,708	\$ 59,520,708	\$ 59,313,405	\$-	0.0%		(0.3%)				
Capital and Reserve Impacts on Operating											
Contributions to Capital											
Water Quality Initiatives	61,897,966	61,897,966	68,249,774	_	0.0%	6,351,808	10.3%				
Sub-Total Contributions to Capital	61,897,966	61,897,966	68,249,774	-	0.0%	6,351,808	10.3%				
Contributions for DC Exemptions											
Water Quality Initiatives	18,872,380	18,872,380	17,316,329	-	0.0%	(1,556,051)	(8.2%)				
Sub-Total Contributions for DC Exemptions	18,872,380	18,872,380	17,316,329	-	0.0%	(1,556,051)	(8.2%)				
	10,012,000	10,012,000	,0.10,020		0.070	(1,000,001)	(0.270)				

CITY OF HAMILTON 2025 HAMILTON WATER OPERATING BUDGET WATER

2024	2024	2025				
RESTATED	PROJECTED	REQUESTED	2024 PROJECTE	D ACTUAL	2025 REQUE	STED /
BUDGET	ACTUAL	BUDGET	/ 2024 RESTATED		2024 RESTATED	BUDGET
\$	\$	\$	\$	%	\$	%
11,493,793	11,493,793	11,785,204	-		291,411	2.5%
(1,627,988)	(1,627,988)	(1,807,493)	-	0.0%		11.0%
9,865,805	9,865,805	9,977,711	-	0.0%	111,906	1.1%
90,636,151	90,636,151	95,543,814	-	0.0%	4,907,663	5.4%
(210,497)	(210,497)	7,848,670	-	0.0%	8,059,167	(3828.6%)
90,425,654	90,425,654	103,392,485	-	0.0%	12,966,830	14.3%
149,946,362	149,946,362	162,705,889	-	0.0%	12,759,527	8.5%
			-			9.2%
			-			10.2%
			-			22.2%
			-			40.2%
			-			9.1%
			-			9.9%
			-			27.8%
984,256	984,256	1,006,894	-		22,638	2.3%
-	-	-	-		-	0.0%
-	-	-	-		-	0.0%
145,293,190	145,293,190	160,283,599	-	0.0%	14,990,409	10.3%
			-		-	0.0%
			-		22,044	2.3%
			-		-	0.0%
959,743	959,743	981,817	-			2.3%
2,275,000	2,275,000	-	-	0.0%	(2,275,000)	(100.0%)
4,653,172	4,653,172	2,422,290	-	0.0%	(2,230,882)	(47.9%)
	RESTATED BUDGET \$ 11,493,793 (1,627,988) 9,865,805 90,636,151 (210,497) 90,425,654 149,946,362 66,662,091 70,596,726 3,959,129 338,834 197,704 597,850 1,956,600 984,256 - 145,293,190 10,000 958,429 450,000 959,743 2,275,000	RESTATED BUDGETPROJECTED ACTUAL\$\$11,493,793 (1,627,988)11,493,793 (1,627,988)9,865,8059,865,80590,636,15190,636,151(210,497)(210,497)90,425,65490,425,654149,946,362149,946,36266,662,09170,596,72670,596,72670,596,7263,959,1293,959,129338,834338,834197,704197,704597,850597,8501,956,6001,956,600984,256984,256145,293,19010,000958,429958,429450,000450,000959,743959,7432,275,0002,275,000	RESTATED BUDGETPROJECTED ACTUALREQUESTED BUDGET\$\$\$\$\$\$11,493,79311,493,79311,785,204 (1,627,988)(1,807,493) (1,807,493)9,865,8059,865,8059,977,71190,636,15190,636,15190,543,814 (210,497)(210,497)7,848,67090,425,65490,425,654103,392,485149,946,362149,946,362162,705,88966,662,09172,828,218 70,596,72670,596,726 77,763,0373,959,1293,959,1294,837,766 338,834338,834338,834475,024 197,704197,704197,704215,624 597,850597,850597,850657,037 1,956,6001,956,6001,956,6002,500,000 984,256984,256984,2561,006,894 110,00010,00010,000 958,429958,429958,429980,473 450,000450,000450,000450,000 959,743959,743959,743981,817 2,275,0002,275,0002,275,000-	RESTATED BUDGETPROJECTED ACTUALREQUESTED BUDGET2024 PROJECTED / 2024 RESTATED\$\$\$\$\$\$\$\$11,493,79311,493,79311,785,204-(1,627,988)(1,627,988)(1,807,493)-9,865,8059,865,8059,977,711-90,636,15190,636,15195,543,814-(210,497)(210,497)7,848,670-90,425,65490,425,654103,392,485-149,946,362149,946,362162,705,889-149,946,362149,946,362162,705,889-338,834338,834475,024-338,834338,834475,024-197,704197,704215,624-197,704197,704215,624-197,704197,704215,624-597,850597,850657,037-1,956,6001,956,6002,500,000-984,256984,2561,006,894145,293,190145,293,190160,283,599-10,00010,00010,000958,429958,429980,473-450,000450,000450,000-959,743959,743981,817-2,275,0002,275,000	RESTATED BUDGET PROJECTED ACTUAL REQUESTED BUDGET 2024 PROJECTED ACTUAL / 2024 RESTATED BUDGET \$ \$ \$ \$ \$ % 11,493,793 11,493,793 11,785,204 - 0.0% (1,627,988) (1,627,988) (1,807,493) - 0.0% 9,865,805 9,865,805 9,977,711 - 0.0% 90,636,151 90,636,151 95,543,814 - 0.0% 90,425,654 90,425,654 103,392,485 - 0.0% 90,425,654 90,425,654 103,392,485 - 0.0% 149,946,362 149,946,362 162,705,889 - 0.0% 338,834 338,834 475,024 - 0.0% 3959,129 4,837,766 - 0.0% 0.0% 197,704 197,704 215,624 - 0.0% 197,704 197,704 215,624 - 0.0% 197,704 197,704 215,624 - 0.0% 1986,600	RESTATED BUDGET PROJECTED ACTUAL REQUESTED BUDGET 2024 PROJECTED ACTUAL /2024 RESTATED BUDGET 2025 REQUE 2024 RESTATED 2024 RESTATED BUDGET \$ \$ \$ \$ \$ \$ \$ 11,493,793 11,493,793 11,785,204 - 0.0% 291,411 (1,627,988) (1,627,988) (1,807,493) - 0.0% (179,505) 9,865,805 9,865,805 9,977,711 - 0.0% 4,907,663 (210,497) (210,497) 7,848,670 - 0.0% 8,059,167 90,425,654 90,425,654 103,392,485 - 0.0% 12,966,830 149,946,362 149,946,362 162,705,889 - 0.0% 7,166,311 3,959,129 3,959,129 4,837,766 - 0.0% 878,637 338,834 338,834 475,024 - 0.0% 59,187 1,956,600 1,956,600 2,500,000 - 0.0% 59,187 1,956,600 1,956,600 2,500,000 - 0.0%

CITY OF HAMILTON 2025 HAMILTON WATER OPERATING BUDGET **WATER**

2024	2024	2025	CHANGE		CHANG	1
RESTATED	PROJECTED	REQUESTED	2024 PROJECTED	ACTUAL	2025 REQUES	STED /
BUDGET	ACTUAL	BUDGET	/ 2024 RESTATED	BUDGET	2024 RESTATED	BUDGET
\$	\$	\$	\$	%	\$	%
149,946,362	149,946,362	162,705,889	-	0.0%	12,759,527	8.5%
				0.0%		0.00/
-	-	-	-	0.0%	-	0.0%

TOTAL REVENUES

NET EXPENDITURES

CITY OF HAMILTON 2025 - 2028 HAMILTON WATER OPERATING BUDGET

WATER

LestArte D Resultation Recultation Production Prodobiol Productin Production Productin Produbility Production Prod		2024	2025	2026	2027	2028	CHANGE		CHANGE		CHANGE	
S S S S S S S S N N Detectional Administration & Support Woodward Upgrades 6.200,640 6.681,424 6.830,828 7,040,644 7,277,375 381,775 5.1% 149,404 2.2% 200,816 3.1% Container Service & Commany Outreach 5.91,776 8.84,768 883,325 804,468 883,335 814,449 941,225 45,700 6.6% 424,872 2.9% 2.0% 2.0% 2.2% 2.00,816 3.1% Water Distribution & Waterware Collection 17,480,776 17,482,774 17,682,287 18,584,782 445,758 8.9% 42,777 2.3%,778 3.3% 2.97,719 3.3% 2.90,278,719 3.9% 2.90,285 4.1% 2.4% 5.3,390 7.2% 3.9% 2.93,287 1.3% 3.3% 2.9% 5.3,390 7.2% 3.9% 2.90,278 7.83,289 2.9% 5.3,390 7.2% 3.9% 2.99,285 4.1% 2.4% 5.3,390 7.2% 3.9% 2.9%		RESTATED	REQUESTED	PROJECTED	PROJECTED	PROJECTED	2025 REQUE	STED /	2026 PROJEC	TED /	2027 PROJEC	TED /
S S S S S S S S S N N Destantal extension & Support Woodward Upgrades 6,200,049 5,081,424 6,830,828 7,040,644 7,277,375 381,775 5,1% 140,404 2,2% 200,816 3,1% Container Service & Commund Outward 5,511,771 3,851,778 844,768 (1,888,184) (1,888,184) 448,112 44,770 6,6% 24,877 20,816 2,2% 200,816 3,1% Water Distribution & Waterware Collection 17,480,778 140,0459 12,0% 12,0% 12,0% 12,0% 12,0% 12,0% 12,0% 12,0% 12,0% 12,0% 12,0% 12,0% 12,0% 12,0% 12,0%		BUDGET	BUDGET	BUDGET	BUDGET	BUDGET	2024 RESTATED	BUDGET	2025 REQUESTED	BUDGET	2026 PROJECTED	BUDGET
Designed Administration & Support 6.2290 040 6.681.424 6.830.828 7.040.644 7.277.375 391.775 6.1% 149.404 2.2% 200.816 3.1% Woodward Upgrades 5.867.178 3.68.355 414.949 941.325 447.068 149.768 2.0% 2.5% 2.2% 2.0% 2.5% 2.2% 2.0% 2.5% 2.2% 2.0% 2.5% 2.2% 2.0% 2.5% 2.2% 2.0% 2.5% 2.1%												
Woodwards 0	OPERATING EXPENDITURES:			•			·		·		·	
Woodwards 0												
Custome Service & Community Outneach 5,540,718 3,854,355 4,039,448 4,181,770 4,437,866 (16,66,364) (03,04%) 195,003 4,0% 123,722 3,2% Water Distribution & Watswater Collection 17,686,094 17,887,071 18,032,567 18,884,702 19,157,966 23,178 4,9% 199,466 4,0% 270,177 5,2% 552,205 3,18 Plant Operations 16,666,621 16,661,030 17,482,774 17,080,030 3,483,782 19,157,966 227,179 2,9% 471,674 2,6% 533,524 3,18 Plant Minimum S Delivery 2,774 2,003 3,289,065 3,399,065 3,399,075 10,0%				, ,			,				,	
Compliance & Regulations 4,700,089 4,922,455 5,191,443 5,442,114 5,087,280 231,702 4,95% 199,488 4,0% 270,171 5,2% Water Distributions 16,504,521 15,981,038 17,432,714 17,982,238 18,854,922 45,519 2.8% 471,574 2.8% 533,524 3,1% Plant Ministance 6,809,726 7,707 7,374,742 7,174,924 7,812,608 2.8% 471,574 2.8% 533,524 3,1% Capital Manning & Delway 2,772,401 3,106,303 3,283,969 3,377,78 3,39865 3,33,902 12.0% 10,7% 0,0% -<	10	,	,	,		,	,					
Vnate Distribution & Wastewater Collection 17,488,076 17,587,071 18,032,587 18,034,782 19,479,990 98,995 0.6% 445,516 2.5% 552,205 3,1% Plant Operations 6,609,727 7,077,097 7,877,420 7,761,200 7,803,402 267,619 3.3% 2203,395 4,1% 2245,117 3.3% Plant Minitenance 6,809,727 7,772,401 3,106,303 3.283,000 3,497,200 7.2% 4.1% 2245,117 3.3% 2263,007 7.2% 4.1% 2245,107 0.0% -		, ,		, , -		, - ,		· · · ·	,		- ,	
Plant Questions 16.604.521 16.604.521 16.604.521 17.402.714 17.806.203 11.824.222 466.519 2.8% 471.674 2.8% 533.524 3.1% Capital Planning & Delivery 2.777.401 3.106.303 3.283.569 3.497.758 3.996.55 33.902 12.0% 157.666 5.1% 2.3% 7.2% Watershad Management Porgram - - - 0.0% -		, ,		, ,			,				,	
Plant Maintenance 6.400 278 7.077.097 7.817.400 7.812.000 7.803.406 227.819 3.9% 290.385 4.1% 245.117 3.3% Capilal Planing AD elvery 7.77.401 3.103.303 3.203.306 3.497.78 3.599.65 333.902 12.0% 157.686 5.1% 2.37.90 7.2% Waterback AD elvery 7.72.401 3.103.810 3.228.282 3.300.379 3.276.202 100.450 3.3% 72.451 2.3% 74.118 2.3% Cw horons Senvice Curtaxit 3.053.360 3.153.810 3.228.282 3.300.379 3.276.202 100.450 3.3% 72.451 2.3% 74.118 2.3% Cw horons Senvice Sultily Reback 20.023 220.031 220.033 220.034 2<0.0%		, ,		- / /		-, -,	,				,	
Capital Planning & Delivery 2,772,401 3,00,33 3,283,000 3,497,768 3,390,002 12,0% 157,666 5,1% 23,700 7,2% Waterhed Management - - - 0,0%	•											
Watersteid Management Imagement Imagement <td></td>												
Wastewater Abalement Program - - - - - - - - 0.0% <th< td=""><td></td><td></td><td></td><td>3,263,969</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>				3,263,969								
Alecta Utilities Service Contract 3.03.360 3.15.810 3.228.282 3.00.379 3.76.202 100.450 3.3% 72.451 2.3% 74.118 2.3% Low Income Senitor Utility Relate 250.023 250.031 250.032 250.033 250.034 2 0.0% 1 0.0%	Ū.	-	-	-	-	-						
Low Income Seniors Utility Related 250,029 250,031 250,032 250,033 250,033 250,034 2 0.0% 1 0.0% 1 0.0% Bandliton Hanbour Remedial Action Plan - - - - 0.0% -	Ū.	-	-	-	-	-						
Sawer Lateral Management Program - - - - 0.0%											,	
Hamilton Harbour Remedial Action Plan Residential Stormwater Subsidy Program Protective Plumbing Program (3P) - - - - 0.0% - 0.0% - 0.0% Protective Plumbing Program (3P) - - - - 0.0% - 0.0% - 0.0% Capital and Reserve Recoveries 64,297,471 64,528,056 66,524,619 66,797,698 71,065,622 230,584 0.0% 1,996,564 3.1% 2,273,078 3.4% Capital and Reserve Impacts on Operating 64,297,471 64,528,056 61,63,990 62,287,781 65,399,983 (207,303) (0.3%) 1,896,564 3.1% 2,212,791 3.5% Capital and Reserve Impacts on Operating 61,897,966 69,249,774 71,503,445 72,871,044 97,953,325 6,351,808 10.3% 3,280,671 4.8% 1,340,599 1.9%, Sub-Total Contributions to Capital 61,897,966 69,249,774 71,550,445 72,871,044 97,953,325 6,351,808 10.3% 3,280,671 4.8% 1,340,599 1.9%, Sub-Total Contributions for DC Exemptions 18,872,380 17,316,329 17,489,492 <t< td=""><td>•</td><td></td><td>250,031</td><td>250,032</td><td>250,033</td><td>250,034</td><td>2</td><td></td><td></td><td></td><td>1</td><td></td></t<>	•		250,031	250,032	250,033	250,034	2				1	
Residential Stormwater Subsidy Program - - - - - 0.0% - 0.0% - 0.0% Protective Plumbing Program (3P) 11 11 11 11 11 0.0% - 0.0% - 0.0% Capital and Reserve Recoveries 11 11 11 11 11 0.0% - 0.0% - 0.0% Sub-Total 59,520,708 59,313,405 61,163,990 63,286,781 65,399,983 (207,303) (0.3%) 1,850,585 3.1% 2,217,3078 3.4% Capital and Reserve Impacts on Operating 59,520,708 59,313,405 61,163,990 63,286,781 65,399,983 (207,303) (0.3%) 1,850,585 3.1% 2,122,791 3.5% Sub-Total Contributions to Capital 61,897,966 68,249,774 71,530,445 72,871,044 97,953,325 6,351,808 10.3% 3,280,671 4.8% 1,340,599 1.9% Sub-Total Contributions for DC Exemptions 16,897,966 68,249,774 71,630,445 7		-	-	-	-	-	-		-		-	
Protective Plumbing Program (3P) · <		-	-	-	-	-	-		-		-	
Financial Charges 11 11 11 11 11 11 0.0% - <td></td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td></td> <td>-</td> <td></td> <td>-</td> <td></td>		-	-	-	-	-	-		-		-	
Capital and Reserve Recoveries 64,297,471 64,528,055 66,524,619 68,797,693 71,065,622 230,684 0.4% 1,996,564 3.1% 2,273,078 3.4% Capital and Reserve Recoveries (4,776,763) (5,214,651) (5,500,930) (5,510,916) (5,665,639) (437,887) 9.2% (145,979) 2.8% (150,287) 2.8% Sub-Total 59,520,706 59,313,405 61,163,990 63,286,781 65,399,983 (207,303) (0.3%) 1,860,585 3.1% 2,122,791 3.5% Capital and Reserve Impacts on Operating Contributions to Capital 61,897,966 68,249,774 71,530,445 72,871,044 97,953,325 6,351,808 10.3% 3,280,671 4.8% 1,340,599 1.9% Sub-Total Contributions to Capital 61,897,966 68,249,774 71,530,445 72,871,044 97,953,325 6,351,808 10.3% 3,280,671 4.8% 1,340,599 1.9% Sub-Total Contributions to Capital 18,872,380 17,316,329 17,489,492 17,662,656 17,835,819 (1,556,051)		-	-	-	-	-	-		-		-	
Capital and Reserve Recoveries (4,776,763) (5,214,651) (5,360,630) (5,510,916) (5665,639) (437,887) 9.2% (145,979) 2.8% (150,287) 2.8% Sub-Total 59,520,708 59,313,405 61,163,990 63,286,781 65,399,983 (207,303) (0.3%) 1,850,585 3.1% 2,122,791 3.5% Capital and Reserve Impacts on Operating Contributions to Capital 61,897,966 68,249,774 71,530,445 72,871,044 97,953,325 6,351,808 10.3% 3,280,671 4.8% 1,340,599 1.9% Sub-Total Contributions to Capital 61,897,966 68,249,774 71,530,445 72,871,044 97,953,325 6,351,808 10.3% 3,280,671 4.8% 1,340,599 1.9% Contributions to Capital 61,897,966 68,249,774 71,530,445 72,871,044 97,953,325 6,351,808 10.3% 3,280,671 4.8% 1,340,599 1.9% Contributions to Capital 11,872,380 17,316,329 17,489,492 17,662,656 17,835,819 (1,556,051) (8,2	Financial Charges						-		-		-	
Sub-Total 59,520,708 59,313,405 61,163,990 63,286,781 66,399,983 (207,303) (0.3%) 1,850,585 3.1% 2,122,791 3.5% Capital and Reserve Impacts on Operating Contributions to Capital 61,897,966 68,249,774 71,530,445 72,871,044 97,953,325 6.351,808 10.3% 3,280,671 4.8% 1,340,599 1.9% Water Quality Initiatives Sub-Total Contributions to Capital 61,897,966 68,249,774 71,530,445 72,871,044 97,953,325 6.351,808 10.3% 3,280,671 4.8% 1,340,599 1.9% Contributions for DC Exemptions Water Quality Initiatives 18,872,380 17,316,329 17,489,492 17,662,656 17,835,819 (1,556,051) (8.2%) 173,163 1.0% 173,163 1.0% Capital Debt Charges Water Quality Initiatives 11,493,793 11,785,204 20,810,444 32,220,826 46,960,853 291,411 2.5% 9,025,239 76.6% 11,410,383 54.8% DC bet Charges Bub-Total Capital Enancing 9,865,805 9,977,711 15,064,391 22,068,164		, ,	, ,				,		, ,			
Capital and Reserve Impacts on Operating Contributions to Capital Water Quality Initiatives 61,897,966 68,249,774 71,530,445 72,871,044 97,953,325 6,351,808 10.3% 3,280,671 4.8% 1,340,599 1.9% Sub-Total Contributions to Capital 61,897,966 68,249,774 71,530,445 72,871,044 97,953,325 6,351,808 10.3% 3,280,671 4.8% 1,340,599 1.9% Contributions for DC Exemptions 18,872,380 17,316,329 17,489,492 17,662,656 17,835,819 (1,556,051) (8,2%) 173,163 1.0% 173,163 1.0% Sub-Total Contributions for DC Exemptions 18,872,380 17,316,329 17,489,492 17,662,656 17,835,819 (1,556,051) (8,2%) 173,163 1.0% 173,163 1.0% 173,163 1.0% Water Quality Initiatives 11,493,793 11,785,204 20,810,444 32,220,826 46,960,853 291,411 2.5% 9,025,239 76,6% 11,410,383 54,8% DC Debt Charges 9,	•											
Contributions to Capital Water Quality Initiatives 61,897,966 68,249,774 71,530,445 72,871,044 97,953,325 6,351,808 10.3% 3,280,671 4.8% 1,340,599 1.9% Sub-Total Contributions to Capital 61,897,966 68,249,774 71,530,445 72,871,044 97,953,325 6,351,808 10.3% 3,280,671 4.8% 1,340,599 1.9% Contributions to Capital 61,897,966 68,249,774 71,530,445 72,871,044 97,953,325 6,351,808 10.3% 3,280,671 4.8% 1,340,599 1.9% Contributions tor Capital 18,872,380 17,316,329 17,489,492 17,682,656 17,835,819 (1,556,051) (8.2%) 173,163 1.0% 173,163 1.0% 173,163 1.0% 173,163 1.0% 173,163 1.0% 173,163 1.0% 173,163 1.0% 173,163 1.0% 173,163 1.0% 173,163 1.0% 173,163 1.0% 173,163 1.0% 173,163 1.0% 173,163 1.0% 173,163 1.0% <td< td=""><td>Sub-Total</td><td>59,520,708</td><td>59,313,405</td><td>61,163,990</td><td>63,286,781</td><td>65,399,983</td><td>(207,303)</td><td>(0.3%)</td><td>1,850,585</td><td>3.1%</td><td>2,122,791</td><td>3.5%</td></td<>	Sub-Total	59,520,708	59,313,405	61,163,990	63,286,781	65,399,983	(207,303)	(0.3%)	1,850,585	3.1%	2,122,791	3.5%
Contributions to Capital Water Quality Initiatives 61,897,966 68,249,774 71,530,445 72,871,044 97,953,325 6,351,808 10.3% 3,280,671 4.8% 1,340,599 1.9% Sub-Total Contributions to Capital 61,897,966 68,249,774 71,530,445 72,871,044 97,953,325 6,351,808 10.3% 3,280,671 4.8% 1,340,599 1.9% Contributions to Capital 61,897,966 68,249,774 71,530,445 72,871,044 97,953,325 6,351,808 10.3% 3,280,671 4.8% 1,340,599 1.9% Contributions tor Capital 18,872,380 17,316,329 17,489,492 17,662,656 17,835,819 (1,556,051) (8.2%) 173,163 1.0% 173,163 1.0% 173,163 1.0% 173,163 1.0% 173,163 1.0% 173,163 1.0% 173,163 1.0% 173,163 1.0% 173,163 1.0% 173,163 1.0% 173,163 1.0% 173,163 1.0% 173,163 1.0% 173,163 1.0% 173,163 1.0% <td< td=""><td>Capital and Bacanya Impacts on Operating</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	Capital and Bacanya Impacts on Operating											
Water Quality Initiatives 61,897,966 68,249,774 71,530,445 72,871,044 97,953,325 6,351,808 10.3% 3,280,671 4.8% 1,340,599 1.9% Sub-Total Contributions to Capital 61,897,966 68,249,774 71,530,445 72,871,044 97,953,325 6,351,808 10.3% 3,280,671 4.8% 1,340,599 1.9% Contributions for DC Exemptions 18,872,380 17,316,329 17,489,492 17,662,656 17,835,819 (1,556,051) (8.2%) 173,163 1.0% 173,163 1.0% Water Quality Initiatives 18,872,380 17,316,329 17,489,492 17,662,656 17,835,819 (1,556,051) (8.2%) 173,163 1.0% 173,163 1.0% Water Quality Initiatives 18,872,380 17,316,329 17,489,492 17,662,656 17,835,819 (1,556,051) (8.2%) 173,163 1.0% 173,163 1.0% Capital Debt Charges 14,93,793 11,785,204 20,810,444 32,220,826 46,960,853 291,411 2.5% 9,025,239 76.6%												
Sub-Total Contributions to Capital 61,897,966 68,249,774 71,530,445 72,871,044 97,953,325 6,351,808 10.3% 3,280,671 4.8% 1,340,599 1.9% Contributions for DC Exemptions Water Quality Initiatives 18,872,380 17,316,329 17,489,492 17,662,656 17,835,819 (1,556,051) (8.2%) 173,163 1.0% 173,163 1.0% Capital Debt Charges Water Quality Initiatives 11,493,793 11,785,204 20,810,444 32,220,826 46,960,853 291,411 2.5% 9,025,239 76.6% 11,410,383 54.8% DC Debt Charges (1,627,988) (1,807,493) (5,746,053) (10,152,662) (14,347,594) (179,505) 11.0% (3,938,560) 217.9% (4,406,609) 76.7% Sub-Total Debt Charges 9,865,805 9,977,711 15,064,391 22,068,164 32,613,259 111,906 1.1% 5,086,679 51.0% 7,003,773 46.5% Sub-Total Capital Financing 90,636,151 95,543,814 104,084,328 112,601,864 148,402,402 49,907,663 5.4% 8,540,514 8.9% 8,517,536 8.2%												
Contributions for DC Exemptions Number of the formation of the	,			, ,			, ,		, ,			
Water Quality Initiatives 18,872,380 17,316,329 17,489,492 17,662,656 17,835,819 (1,556,051) (8.2%) 173,163 1.0% 173,163 1.0% Sub-Total Contributions for DC Exemptions 18,872,380 17,316,329 17,489,492 17,662,656 17,835,819 (1,556,051) (8.2%) 173,163 1.0% 173,163 1.0% Capital Debt Charges Water Quality Initiatives 11,493,793 11,785,204 20,810,444 32,220,826 46,960,853 291,411 2.5% 9,025,239 76.6% 11,410,383 54.8% DC Debt Charges (1,627,988) (1,807,493) (5,746,053) (10,152,662) (14,347,594) (179,505) 11.0% (3,938,560) 217.9% (4,406,609) 76.7% Sub-Total Debt Charges 9,865,805 9,977,711 15,064,391 22,068,164 32,613,259 111,906 1.1% 5,086,679 51.0% 7,003,773 46.5% Sub-Total Capital Financing 90,636,151 95,543,814 104,084,328 112,601,864 148,402,402 4,907,663 5.4% <td>Sub-Lotal Contributions to Capital</td> <td>61,897,966</td> <td>68,249,774</td> <td>71,530,445</td> <td>72,871,044</td> <td>97,953,325</td> <td>6,351,808</td> <td>10.3%</td> <td>3,280,671</td> <td>4.8%</td> <td>1,340,599</td> <td>1.9%</td>	Sub-Lotal Contributions to Capital	61,897,966	68,249,774	71,530,445	72,871,044	97,953,325	6,351,808	10.3%	3,280,671	4.8%	1,340,599	1.9%
Sub-Total Contributions for DC Exemptions 18,872,380 17,316,329 17,489,492 17,662,656 17,835,819 (1,556,051) (8.2%) 173,163 1.0% 173,163 1.0% Capital Debt Charges Water Quality Initiatives DC Debt Charges Recoveries Sub-Total Debt Charges 11,493,793 11,785,204 20,810,444 32,220,826 46,960,853 291,411 2.5% 9,025,239 76.6% 11,410,383 54.8% DC Debt Charges Sub-Total Debt Charges 9,865,805 9,977,711 15,064,391 22,068,164 32,613,259 11.0% (3,938,560) 217.9% (4,406,609) 76.7% Sub-Total Capital Financing 90,636,151 95,543,814 104,084,328 112,601,864 148,402,402 4,907,663 5.4% 8,540,514 8.9% 8,517,536 8.2% Sub-Total Capital and Reserve Impacts on Operating 90,425,654 103,392,485 117,571,192 132,760,605 151,061,426 12,966,830 14.3% 14,178,707 13.7% 15,189,413 12.9%	Contributions for DC Exemptions											
Capital Debt Charges 11,493,793 11,785,204 20,810,444 32,220,826 46,960,853 291,411 2.5% 9,025,239 76.6% 11,410,383 54.8% DC Debt Charges (1,627,988) (1,807,493) (5,746,053) (10,152,662) (14,347,594) (179,505) 11.0% (3,938,560) 217.9% (4,406,609) 76.7% Sub-Total Debt Charges 9,665,805 9,977,711 15,064,391 22,068,164 32,613,259 111,906 1.1% 5,086,679 51.0% 7,003,773 46.5% Sub-Total Capital Financing 90,636,151 95,543,814 104,084,328 112,601,864 148,402,402 4,907,663 5.4% 8,540,514 8.9% 8,517,536 8.2% Reserve Transfers (210,497) 7,848,670 13,486,864 20,158,741 2,659,023 8,059,167 (3828.6%) 5,638,194 71.8% 6,671,877 49.5% Sub-Total Capital and Reserve Impacts on Operating 90,425,654 103,392,485 117,571,192 132,760,605 151,061,426 12,966,830 14.3% 14,178,707 13.7% 15,189,413 12.9%	Water Quality Initiatives	18,872,380	17,316,329	17,489,492	17,662,656	17,835,819	(1,556,051)	(8.2%)	173,163	1.0%	173,163	1.0%
Water Quality Initiatives 11,493,793 11,785,204 20,810,444 32,220,826 46,960,853 291,411 2.5% 9,025,239 76.6% 11,410,383 54.8% DC Debt Charges Recoveries (1,627,988) (1,807,493) (5,746,053) (10,152,662) (14,347,594) (179,505) 11.0% (3,938,560) 217.9% (4,406,609) 76.7% Sub-Total Debt Charges 9,865,805 9,977,711 15,064,391 22,068,164 32,613,259 111,906 1.1% 5,086,679 51.0% 7,003,773 46.5% Sub-Total Capital Financing 90,636,151 95,543,814 104,084,328 112,601,864 148,402,402 4,907,663 5.4% 8,540,514 8.9% 8,517,536 8.2% Reserve Transfers (210,497) 7,848,670 13,486,864 20,158,741 2,659,023 8,059,167 (3828.6%) 5,638,194 71.8% 6,671,877 49.5% Sub-Total Capital and Reserve Impacts on Operating 90,425,654 103,392,485 117,571,192 132,760,605 151,061,426 12,966,830 14.3% 14	Sub-Total Contributions for DC Exemptions	18,872,380	17,316,329	17,489,492	17,662,656	17,835,819	(1,556,051)	(8.2%)	173,163	1.0%	173,163	1.0%
Water Quality Initiatives 11,493,793 11,785,204 20,810,444 32,220,826 46,960,853 291,411 2.5% 9,025,239 76.6% 11,410,383 54.8% DC Debt Charges Recoveries (1,627,988) (1,807,493) (5,746,053) (10,152,662) (14,347,594) (179,505) 11.0% (3,938,560) 217.9% (4,406,609) 76.7% Sub-Total Debt Charges 9,865,805 9,977,711 15,064,391 22,068,164 32,613,259 111,906 1.1% 5,086,679 51.0% 7,003,773 46.5% Sub-Total Capital Financing 90,636,151 95,543,814 104,084,328 112,601,864 148,402,402 4,907,663 5.4% 8,540,514 8.9% 8,517,536 8.2% Reserve Transfers (210,497) 7,848,670 13,486,864 20,158,741 2,659,023 8,059,167 (3828.6%) 5,638,194 71.8% 6,671,877 49.5% Sub-Total Capital and Reserve Impacts on Operating 90,425,654 103,392,485 117,571,192 132,760,605 151,061,426 12,966,830 14.3% 14	Capital Debt Charges											
DC Debt Charges Recoveries (1,627,988) (1,807,493) (5,746,053) (10,152,662) (14,347,594) (179,505) 11.0% (3,938,560) 217.9% (4,406,609) 76.7% Sub-Total Debt Charges 9,865,805 9,977,711 15,064,391 22,068,164 32,613,259 111,906 1.1% 5,086,679 51.0% 7,003,773 46.5% Sub-Total Capital Financing 90,636,151 95,543,814 104,084,328 112,601,864 148,402,402 4,907,663 5.4% 8,540,514 8.9% 8,517,536 8.2% Reserve Transfers (210,497) 7,848,670 13,486,864 20,158,741 2,659,023 8,059,167 (3828.6%) 5,638,194 71.8% 6,671,877 49.5% Sub-Total Capital and Reserve Impacts on Operating 90,425,654 103,392,485 117,571,192 132,760,605 151,061,426 12,966,830 14.3% 14,178,707 13.7% 15,189,413 12.9%		11.493.793	11.785.204	20.810.444	32.220.826	46.960.853	291.411	2.5%	9.025.239	76.6%	11.410.383	54.8%
Sub-Total Debt Charges 9,865,805 9,977,711 15,064,391 22,068,164 32,613,259 111,906 1.1% 5,086,679 51.0% 7,003,773 46.5% Sub-Total Capital Financing 90,636,151 95,543,814 104,084,328 112,601,864 148,402,402 4,907,663 5.4% 8,540,514 8.9% 8,517,536 8.2% Reserve Transfers (210,497) 7,848,670 13,486,864 20,158,741 2,659,023 8,059,167 (3828.6%) 5,638,194 71.8% 6,671,877 49.5% Sub-Total Capital and Reserve Impacts on Operating 90,425,654 103,392,485 117,571,192 132,760,605 151,061,426 12,966,830 14.3% 14,178,707 13.7% 15,189,413 12.9%							,		, ,		, ,	
Reserve Transfers (210,497) 7,848,670 13,486,864 20,158,741 2,659,023 8,059,167 (3828.6%) 5,638,194 71.8% 6,671,877 49.5% Sub-Total Capital and Reserve Impacts on Operating 90,425,654 103,392,485 117,571,192 132,760,605 151,061,426 12,966,830 14.3% 14,178,707 13.7% 15,189,413 12.9%												
Sub-Total Capital and Reserve Impacts on 90,425,654 103,392,485 117,571,192 132,760,605 151,061,426 12,966,830 14.3% 14,178,707 13.7% 15,189,413 12.9%	Sub-Total Capital Financing	90,636,151	95,543,814	104,084,328	112,601,864	148,402,402	4,907,663	5.4%	8,540,514	8.9%	8,517,536	8.2%
Operating 90,425,654 103,392,485 117,571,192 132,760,605 151,061,426 12,966,830 14.3% 14,178,707 13.7% 15,189,413 12.9%	Reserve Transfers	(210,497)	7,848,670	13,486,864	20,158,741	2,659,023	8,059,167	(3828.6%)	5,638,194	71.8%	6,671,877	49.5%
Operating 90,425,654 103,392,485 117,571,192 132,760,605 151,061,426 12,966,830 14.3% 14,178,707 13.7% 15,189,413 12.9%	Sub-Total Capital and Reserve Impacts on											
TOTAL EXPENDITURES 149,946,362 162,705,889 178,735,182 196,047,387 216,461,409 12,759,527 8.5% 16,029,293 9.9% 17,312,205 9.7%		90,425,654	103,392,485	117,571,192	132,760,605	151,061,426	12,966,830	14.3%	14,178,707	13.7%	15,189,413	12.9%
	TOTAL EXPENDITURES	149,946,362	162,705,889	178,735,182	196,047,387	216,461,409	12,759,527	8.5%	16,029,293	9.9%	17,312,205	9.7%

CITY OF HAMILTON 2025 - 2028 HAMILTON WATER OPERATING BUDGET

WATER

	2024	2025	2026	2027	2028	CHANG	E	CHANGE			
	RESTATED	REQUESTED	PROJECTED	PROJECTED	PROJECTED	2025 REQUES	STED /	2026 PROJEC	TED /	2027 PROJECTED /	
	BUDGET	BUDGET	BUDGET	BUDGET	BUDGET	2024 RESTATED	BUDGET	2025 REQUESTED	BUDGET	2026 PROJECTED BUDGE	
	\$	\$	\$	\$	\$	\$	%	\$	%	\$	%
REVENUES:											
Rate Revenue											
Residential	66,662,091	72,828,218	80,343,919	88,581,369	98,030,828	6,166,127	9.2%	7,515,701	10.3%	8,237,450	10.3%
Industrial/Commercial/Institutional/Multi-res	70,596,726	77,763,037	85,357,822	93,455,682	103,252,384	7,166,311	10.2%	7,594,785	9.8%	8,097,860	9.5%
Haldimand	3,959,129	4,837,766	5,307,009	5,801,159	6,426,470	878,637	22.2%	469,243	9.7%	494,150	9.3%
Halton	338,834	475,024	522,194	571,300	631,656	136,190	40.2%	47,170	9.9%	49,106	9.4%
Raw Water	197,704	215,624	235,337	257,021	280,873	17,920	9.1%	19,712	9.1%	21,684	9.2%
Non-Metered	597,850	657,037	721,427	788,519	872,891	59,187	9.9%	64,390	9.8%	67,093	9.3%
Private Fire Lines	1,956,600	2,500,000	2,750,000	3,025,000	3,327,500	543,400	27.8%	250,000	10.0%	275,000	10.0%
Hauler / 3rd Party Sales	984,256	1,006,894	1,030,052	1,053,744	1,077,980	22,638	2.3%	23,159	2.3%	23,691	2.3%
Sub-Total Utility Rates	145,293,190	160,283,599	176,267,759	193,533,793	213,900,583	14,990,409	10.3%	15,984,160	10.0%	17,266,034	9.8%
Non-Rate Revenue											
Local Improvement Recoveries	10,000	10,000	10,000	10,000	10,000	-	0.0%	-	0.0%	-	0.0%
Permits / Leases / Agreements	958,429	980,473	1,003,024	1,026,093	1,049,694	22,044	2.3%	22,551	2.3%	23,070	2.3%
Investment Income	450,000	450,000	450,000	450,000	450,000	-	0.0%	-	0.0%	-	0.0%
General Fees and Recoveries	959,743	981,817	1,004,399	1,027,500	1,051,133	22,074	2.3%	22,582	2.3%	23,101	2.3%
Building Faster Fund	2,275,000	-	-	-	-	(2,275,000)	(100.0%)	-	0.0%	-	0.0%
Sub-Total Non-Rate Revenue	4,653,172	2,422,290	2,467,423	2,513,593	2,560,826	(2,230,882)	(47.9%)	45,133	1.9%	46,171	1.9%
TOTAL REVENUES	149,946,362	162,705,889	178,735,182	196,047,387	216,461,409	12,759,527	8.5%	16,029,293	9.9%	17,312,205	9.7%
NET EXPENDITURES		-	-	-	-	<u> </u>	0.0%	-	0.0%	-	0.0%

CITY OF HAMILTON 2025-2034 HAMILTON WATER OPERATING BUDGET WATER

(000s)

	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
	Restated	Requested	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast
OPERATING EXPENDITURES	l										
	50 501	50.040	04 404	00.007	05 400	07 474	00 500	74 407	70.000	75 000	77.000
OPERATING COSTS TOTAL OPERATING COSTS	59,521 59,521	59,313 59,313	61,164 61,164	63,287 63,287	65,400 65,400	67,474 67,474	69,599 69,599	71,437 71,437	73,326 73,326	75,269 75,269	77,266 77,266
	,	,	,	,	,	,	,	.,	,		,
CAPITAL & RESERVE IMPACTS ON OPERAT	ING										
Contributions to Capital											
Water	61,898	68,250	71,530	72,871	97,953	90,517	126,029	160,160	140,919	83,193	81,137
Sub-total Contributions to Capital	61,898	68,250	71,530	72,871	97,953	90,517	126,029	160,160	140,919	83,193	81,137
Contributions for DC Exemptions											
Water	18,872	17,316	17,489	17,663	17,836	18,009	18,182	18,355	18,528	18,702	18,879
Sub-total Contributions to Capital	18,872	17,316	17,489	17,663	17,836	18,009	18,182	18,355	18,528	18,702	18,879
Debt Charges											
Water	11,494	11,785	20,810	32,221	46,961	59,089	63,288	65,927	66,685	70,980	75,111
DC Debt Charges Recoveries	(1,628)	(1,807)	(5,746)	(10,153)	(14,348)	(16,546)	(16,916)	(17,195)	(18,758)	(23,094)	(27,998)
Sub-total Debt Charges	9,866 107.91%	9,978 101.13%	15,064 150.98%	22,068 146.49%	32,613 1.478	42,543 130.45%	46,371 109.00%	48,733 105.09%	47,927 98.35%	47,886 99.91%	47,113 98.39%
Reserve Transfers	(210)	7,849	13,487	20,159	2,659	18,634	(196)	(11,368)	36,516	125,450	134,919
Sub-Total Capital & Reserve Impacts on											
Operating	90,426	103,392	117,571	132,761	151,061	169,703	190,387	215,880	243,890	275,231	282,048
TOTAL EXPENDITURES	149,946	162,706	178,735	196,047	216,461	237,177	259,986	287,317	317,217	350,500	359,314
REVENUES											
Residential	66,662	72,828	80,344	88,581	98,031	107,845	118,875	132,105	146,226	161,918	166,338
Industrial/Commercial/Institutional/Multi-res	70,597	77,763	85,358	93,456	103,252	112,986	123,500	136,147	150,273	166,034	169,520
Haldimand	3,959	4,838	5,307	5,801	6,426	7,023	7,667	8,430	9,320	10,312	10,513
Halton	339	475	522	571	632	690	754	830	917	1,014	1,035
Raw Water	198	216	235	257	281	307	336	368	403	441	483
Non-Metered	598	657	721	789	873	954	1,041	1,145	1,265	1,399	1,427
Private Fire Lines	1,957	2,500	2,750	3,025	3,328	3,660	4,026	4,429	4,872	5,359	5,895
Hauler / 3rd Party Sales Non-Rate Revenue	984 4,653	1,007 2,422	1,030 2,467	1,054 2,514	1,078 2,561	1,103 2,609	1,128 2,659	1,154 2,709	1,181 2,761	1,208 2,814	1,236 2,868
TOTAL REVENUES	149,946	162,706	178,735	196,047	2,501 216,461	2,009	2,039 259,986	2,709	317,217	350,500	359,314
NET EXPENDITURES	-	-	-	-	-	-	-	-	-	-	-
Rate Increase	9.9%	9.9%	9.8%	9.7%	10.2%	9.5%	9.7%	10.6%	10.2%	10.3%	2.2%
RESIDENTIAL BILL (200m ³ p.a.)	\$ 474.00	\$ 521.05	572.10	\$ 627.60	691.50	\$ 757.05	\$ 830.25	\$ 917.95	\$ 1,011.60	5 1,115.30 \$	1,140.25

CITY OF HAMILTON 2025 HAMILTON WASTEWATER AND STORM OPERATING BUDGET COMBINED WASTEWATER AND STORM

	2024 2024 2025		CHANG	Ε	CHANGE		
	RESTATED	PROJECTED	REQUESTED	2024 PROJECTE	D ACTUAL	2025 REQUEST	ED /
	BUDGET	ACTUAL	BUDGET	/ 2024 RESTATE	D BUDGET	2024 RESTATED E	BUDGET
	\$	\$	\$	\$	%	\$	%
OPERATING EXPENDITURES:							
Divisional Administration & Support	6,541,338	6,541,338	6,937,760	-	0.0%	396,422	6.1%
Woodward Upgrades	886,455	886,455	935,934	-	0.0%	49,479	5.6%
Customer Service & Community Outreach	5,376,483	5,376,483	3,740,106	-	0.0%	(1,636,377)	(30.4%)
Compliance & Regulations	4,449,783	4,449,783	4,666,432	-	0.0%	216,650	4.9%
Water Distribution & Wastewater Collection	7,961,619	7,961,619	8,006,688	-	0.0%	45,068	0.6%
Plant Operations	23,499,450	23,499,450	24,149,450	-	0.0%	650,000	2.8%
Plant Maintenance	6,809,278	6,809,278	7,077,097	-	0.0%	267,819	3.9%
Capital Planning & Delivery	3,388,491	3,388,491	3,796,593	-	0.0%	408,102	12.0%
Watershed Management	1,863,619	1,863,619	1,958,800	-	0.0%	95,181	5.1%
Wastewater Abatement Program	1,141,839	1,141,839	1,141,840	-	0.0%	1	0.0%
Alectra Utilities Service Contract	3,053,360	3,053,360	3,153,810	-	0.0%	100,450	3.3%
Low Income Seniors Utility Rebate	250,032	250,032	250,034	-	0.0%	2	0.0%
Sewer Lateral Management Program	300,000	300,000	300,000	-	0.0%	-	0.0%
Hamilton Harbour Remedial Action Plan	679,084	679,084	679,088	-	0.0%	3	0.0%
Residential Stormwater Subsidy Program	-	-	500,000	-	0.0%	500,000	0.0%
Protective Plumbing Program (3P)	750.016	750,016	750,018	-	0.0%	2	0.0%
Financial Charges	84,472	84,472	84,475	-	0.0%	3	0.0%
0	67,035,319	67,035,319	68,128,124	-	0.0%	1,092,805	1.6%
Capital and Reserve Recoveries	(5,443,587)	(5,443,587)	(5,942,602)	-	0.0%	(499,015)	9.2%
Sub-Total	61,591,732	61,591,732	62,185,522	-	0.0%	593,790	1.0%
Capital and Reserve Impacts on Operating							
Contributions to Capital							
Wastewater	53,114,298	53,114,298	66,360,038	-	0.0%	13,245,740	24.9%
Stormwater	19,858,000	19,858,000	31,470,621	-	0.0%	11,612,621	58.5%
Sub-Total Contributions to Capital	72,972,298	72,972,298	97,830,659	-	0.0%	24,858,361	34.1%
Contributions for DC Exemptions							(a. a.a.).
Wastewater	11,323,428	11,323,428	10,389,797	-	0.0%	(933,631)	(8.2%)
Stormwater	7,548,952	7,548,952	6,926,532	-	0.0%	(622,420)	(8.2%)
Sub-Total Contributions for DC Exemptions	18,872,380	18,872,380	17,316,329	-	0.0%	(1,556,051)	-8.2%

CITY OF HAMILTON 2025 HAMILTON WASTEWATER AND STORM OPERATING BUDGET COMBINED WASTEWATER AND STORM

	2024 RESTATED BUDGET	ATEDPROJECTEDREQUESTED2024 PROJECTED ACTUAL202OGETACTUALBUDGET/ 2024 RESTATED BUDGET2024 R		STATED PROJECTED REQUESTED 2024 PROJECTED ACTUAL 2025 REQU			PROJECTED REQUESTED 2024 PROJECTED ACTUAL 2025 REQUESTED / ACTUAL BUDGET / 2024 RESTATED BUDGET 2024 RESTATED BUDGET				BUDGET
	\$	\$	\$	\$	%	\$	%				
Debt Charges	10.070.075	10 070 075			0.00/		0.00/				
Wastewater	12,870,675	12,870,675	12,984,897	-	0.0%	114,222	0.9%				
Stormwater	4,171,929	4,171,929	4,655,119	-	0.0%	483,190	11.6%				
DC Debt Charges Recoveries	(4,297,620)	(4,297,620)	(4,733,925)	-	0.0%	(436,305)	10.2%				
Sub-Total Debt Charges	12,744,984	12,744,984	12,906,092	-	0.0%	161,108	1.3%				
Reserve Transfers	(12,788,817)	(12,788,817)	(25,165,000)	-	0.0%	(12,376,182)	96.8%				
Sub-Total Capital and Reserve Impacts on											
Operating	91,800,845	91,800,845	102,888,080	-	0.0%	11,087,235	12.1%				
TOTAL EXPENDITURES	153,392,577	153,392,577	165,073,602	-	0.0%	11,681,025	7.6%				
<u>REVENUES:</u>											
Rate Revenue											
Residential	67,862,703	67,862,703	74,213,192	-	0.0%	6,350,489	9.4%				
Industrial/Commercial/Institutional/Multi-res	70,274,065	70,274,065	77,541,721	-	0.0%	7,267,655	10.3%				
Non-Metered	597,850	597,850	657,037	-	0.0%	59,187	9.9%				
Hauler / 3rd Party Sales	984,256	984,256	1,006,894	-	0.0%	22,638	2.3%				
Overstrength Agreements	3,507,880	3,507,880	3,588,562	-	0.0%	80,681	2.3%				
Sewer Surcharge Agreements	7,145,429	7,145,429	7,309,774	-	0.0%	164,345	2.3%				
Sub-Total Utility Rates	150,372,184	150,372,184	164,317,179	-	0.0%	13,944,995	9.3%				
Non-Rate Revenue											
Local Improvement Recoveries	265,850	265,850	265,850	-	0.0%	-	0.0%				
Permits / Leases / Agreements	239,607	239,607	245,118	-	0.0%	5,511	2.3%				
Investment Income	-	-	-	-	0.0%	-	0.0%				
General Fees and Recoveries	239,936	239,936	245,454	-	0.0%	5,519	2.3%				
Building Faster Fund	2,275,000	2,275,000	-	-	0.0%	(2,275,000)	(100.%)				
Sub-Total Non-Rate Revenue	3,020,393	3,020,393	756,423	-	0.0%	(2,263,971)	(75.%)				
TOTAL REVENUES	153,392,577	153,392,577	165,073,602	-	0.0%	11,681,025	7.6%				
NET EXPENDITURES	-	-	-	-	0.0%	-	0.0%				

CITY OF HAMILTON 2025 - 2028 HAMILTON WASTEWATER AND STORM OPERATING BUDGET COMBINED WASTEWATER AND STORM

BUDGET BUDGET<		2024 RESTATED	2025 2026 2027 2028 CHANGE REQUESTED PROJECTED PROJECTED 2025 REQUESTED /			CHANGE 2026 PROJEC		CHANGE 2027 PROJECTED /				
DPERATING EXPENDITURES: Disistent Administration & Support 6.541.339 6.597.760 7.596.575 900.000 1019.156 40.479 5.578.632 2.9% 27.738 2.9% Customer Service & Community Outreach 5.378.633 3.740.106 3.319.712 4.044.819 4.306.611 (19.355.77) (100.4%) 17.956.06 4.9% 12.29.07 3.25% Viater Distribution & Vastewater Collection 7.981.619 8.006.828 8.006.913 6.40.911 8.77.15% 7.40.479 6.90.778 7.370.787 7.370.778 7.370.3778		-										
Unicidenal Administration & Support 6,641.338 6.627.760 7.002.806 7.310.762 7.556.675 306.422 6.1% 155.136 2.2% 27.786 3.3% Vioushome & Regulation 889.497 950.600 1015.15421 5.315.871 690.437 2.9% 27.732 2.9% 27.732 2.9% Comparisone & Regulation 4.449.783 4.469.783 4.552.863 5.115.421 5.315.871 62.813.87 62.813.87 12.499.7 2.25% 2.25% 2.25% 2.25% 2.25.39 5.7% 2.85.87 3.7% 2.668 6.86 2.26.87 2.57.97 7.37.462 3.7% 2.668 6.87 2.25.17 7.37.70 7.362.468 2.7% 2.67.77 2.87.87 2.25.87 2.27.77 7.37.463 3.7% 2.05.87		\$	\$	\$	\$	\$	\$	%	\$	%	\$	%
Woodward Lognades Desk dis Desk dis <thdesk dis<="" th=""> Desk dis Desk dis</thdesk>	OPERATING EXPENDITURES:											
Custome Service & Community Outmech 5.376.883 3.740.106 3.919.712 4.044.919 4.308.481 (1.835.377) (30.448) 1726.066 4.8% 124.407 3.2% Water Distribution & Watewater Collection 7.981.1919 8.006.888 6.203.913 8.480.910 8.771.664 4.506.80 0.6% 222.85 2.5% 25.5% 25.5% 25.5% 25.5% 25.5% 25.5% 25.5% 25.7% 7.891.197 3.3% Plant Oversitions 2.494.950 2.414.950 2.610.097 7.387.422 7.167.093 2.3% 27.5% 7.973 2.5% 7.573 2.5% 7.573 2.5% 7.5% 2.5% 7.5% 2.5% 7.5% 2.5% 7.5% 2.5% 7.5% 2.5% 7.5% 2.5% 7.5% 2.5% 7.5% 2.5% 7.5% 2.5% 7.5% 2.5% 2.5% 2.5% 2.5% 2.5% 2.5% 2.5% 2.5% 2.5% 2.5% 2.5% 2.5% 2.5% 2.5% 2.5% 2.5% 2.5%<		- / - /	-,,	,,	,, -	, ,	,		,		,	
Compleme & Regulations 4.469,783 4.666,822 4.562,285 5.105,421 5.115,870 216,650 4.95 166,461 4.0% 222,282 5.2% Valer Distribution & Wissewater Collection 23,469,460 24,149,460 24,419,460 24,419,460 24,419,460 24,419,460 24,419,460 24,419,460 24,419,460 24,821,022 25,580,671 23,889,477 650,000 2.8% 671,573 2.8% 756,642 3.1% Capial Planning & Delivery 3.38,401 3.766,583 3.989,226 4.275,088 4.399,611 4.061,02 12.0% 152,703 5.1% 226,743 7.2% Wasterback Management 1.983,591 3.256,202 2.0073 3.3% 572,023 1.00% 2.0% 1.00% 1.00% 2.0% 7.481 2.3% 7.411 2.3% 7.411 2.3% 7.411 2.3% 7.411 2.3% 7.411 2.4% 7.531,87 3.76,502 1.00,50 0.00,50 0.00,50 0.00,50 0.00,50 0.00,50 0.00,50 0.00,50 0.00,50 <td>10</td> <td></td> <td></td> <td></td> <td>,</td> <td></td> <td>,</td> <td></td> <td></td> <td></td> <td></td> <td></td>	10				,		,					
Water Desirabilition: Waterwater Collection 7.08/16/19 8.00/010 8.00/010 7.02/18/44 45.008 0.0% 2.22/8 2.5% 251.307 3.1% Plant Operations 5.3494.450 2.58/80.471 2.58/80.47	,	- / /	-, -,	- / /		,, .	· · · ·	`` '			/	
Plant Departions 23 496,490 24,149,450 24,149,450 24,121,200 25,580,671 25,838,477 650,000 2.8% 671,579 2.8% 779,642 3.1% Capital Planning Delivery 3.384,401 3.705,533 3.989,285 4.275,038 4.275,038 4.206,102 12.0% 192,703 5.1% 255,738 2.7% 3.7% 27,738 3.7% 25,738 2.2% 3.0% 2.404,819 5.1% 10.0% 22.8,22 2.3% 2.7,88 2.86,869 2.3% 7.24,51 3.3% 5.1% 5.1% 2.3% 7.25,5							,				,	
Plant Maintenance 6.89.278 7.077.07 7.387.492 7.612.609 7.803.466 227.819 3.394 20.395 4.1% 245.117 3.3% Valaetshed Management 1.863.619 1.998.800 2.193.533 2.165.016 5.194 212.016 110.2703 8.7% 5.7% 3.2% 5.7% 3.386.491 3.986.926 4.275.083 4.396.5161 5.1% 120.0% 120.0% 10.270.33 8.7% 5.73.83 2.7% Valaetwards Dations 3.053.360 3.153.810 3.228.622 3.300.376 3.270.010 3.00.450 3.3% 7.24.51 2.3% 7.41.18 2.05 2.00.05 2.00.05 2.00.05 1.00.450 3.3% 7.41.18 2.05 2.00.05 2.00.05 1.00.05 1.00.05 1.00.05 1.00.05 1.00.05 1.00.05 1.00.05 1.00.05 1.00.05 1.00.05 1.00.05 2.00.05 2.00.05 2.00.05 2.00.05 2.00.05 2.00.05 2.00.05 2.00.05 2.00.05 2.00.05 2.00.05 2.00.05<			, ,	, ,			,				· · · ·	
Capital Planning & Delivery 33.88.491 3.786.295 4.275.038 4.996.591 4.081.102 11.20% 192.703 5.1% 228.743 7.2% Watershed Management 1.168.100 1.168.102 1.104.469 1.222.453 1 0.0% 262.22 2.3% 28.866 2.3% Watershed Management Program 1.141.489 1.168.102 1.104.409 2.50.037 2 0.0% 1 0.0% 7.1.18 2.3% 2.86.86 2.3% Low Income Senior Uilly Rebate 2.50.032 2.20.034 2.50.037 2 0.0% 1 0.0%		-,,					,		- ,		/ -	
Waterweit Management 1,88,819 1,98,8800 2,126,933 2,186,916 2,40,813 95,181 5,1% 170,733 8,7% 57,383 2,7% Waterweit Ablamment Program 3,05,380 3,141,8400 1,168,160 2,2453 1 0,4% 26,222 3% 27,866 2.3% Alectra Luteria Management Program 300,000 300,000 300,000 300,000 300,000 300,000 300,000 300,000 300,000 0.0% - 0.0%												
Wastewater Abstement Program 1,14,18,39 1,14,18,30 1,124,180 1,194,690 1,222,453 1 0.0% 26,262 2.3% 74,18 2.3% Low Income Service Contract 3,053,370 3,200,375 2,300,379 3,375,720 10,0% 1 0.0%							,		,			
Alectra Utilities Service Confract 3.053.380 3.138.310 3.228.282 3.00.376 3.376.202 100.450 3.3% 72.451 2.3% 74,118 2.3% Low Income Senvice Utility Reveals 300.000 300.000 300.000 300.000 300.000 300.000 300.000 300.000 0.0% - 0.0% - 0.0% - 0.0% - 0.0% - 0.0% - 0.0% - 0.0% - 0.0% - 0.0% - 0.0% - 0.0% - 0.0% - 0.0% - 0.0% - 0.0% - 0.0% - 0.0% - 0.0% - 0.0% 3 0.0% 3 0.0% 3 0.0% 3 0.0% 3 0.0% 3 0.0% 3 0.0% 3 0.0% 3 0.0% 3 0.0% 3 0.0% 3 0.0% 3 0.0% 3 0.0% 3 0.0% 3												
Low Income Seniors Utility Rebate 250.032 250.032 250.035 250.036 250.036 250.037 2 0.0% 1 0.0% 1 0.0% Sever Later Management Program 300.000 300.000 300.000 300.000 300.000 300.000 0.0% - 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0											,	
Sewer Lateral Management Program 300,000 300,000 300,000 300,000 300,000 300,000 - 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0							,					
Hamilton Harbour Remedial Adún Plan 679.084 679.084 690.103 701.372 71.201 3 0.0% 11.016 1.6% 11.269 1.6% Reaidential Stormwater Subsidy Program - 500.000 500.000 500.000 500.000 500.000 0.0% - 0.0%	•	,		,		,			•		•	
Residential Stormwater Subsidy Program - 500,000 <t< td=""><td></td><td>,</td><td> ,</td><td>,</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>		,	,	,								
Protective Plumbing Program (3P) 750.016 750.021 750.023 2 0.0% 2 0.0% 2 0.0% 2 0.0% 2 0.0% 2 0.0% 3			,	,	,	,			11,016			
Financial Charges 84,472 84,473 84,474 84,481 84,484 3 0.0%	, ,		,	,	,	,	,		-			
Grant Ansger Gr.035.319 68.128.124 70.314.230 72.648.804 75.113.359 1.082.805 1.6% 2.186.105 3.2% 2.334,573 3.3% Capital and Reserve Recoveries 61.591.732 62.185.522 64.205.271 66.368.578 66.66.611 593.790 1.0% 2.019.749 3.2% 2.163.307 3.4% Capital and Reserve Impacts on Operating Contributions to Capital 55.114.298 66.300.038 70.830.899 69.798.622 60.595.512 13.245.740 24.9% 4.470.861 6.7% (1.032.277) (1.5%) Sub-Total 72.972.298 97.830.659 102.737.199 107.502.790 95.499.138 24.858.361 34.41% 4.906.640 5.0% 4.765.591 4.6% Vastewater 11.323.428 10.380.797 10.493.695 10.597.593 10.701.491 (933.631) (8.2%) 103.898 1.0% 103.898 1.0% 103.898 1.0% 103.898 1.0% 103.898 1.0% 103.898 1.0% 103.898 1.0% 103.898 1.0%		,	,	,	,	,						
Capital and Reserve Recoveries (5.443.587) (5.942.602) (6.108.959) (6.280.226) (6.466.547) (499.015) 9.2% (166.357) 2.8% (171.267) 2.8% Sub-Total 61,591,732 62,185,522 64,205,271 66,368,578 68,656,811 593,790 1.0% 2,013,749 3.2% 2,163,307 3.4% Capital and Reserve Impacts on Operating Contributions to Capital 53,114,298 66,360,038 70,830,899 69,798,622 60,595,512 13,245,740 24.9% 4,470,861 6.7% (1,032,277) (1,5%) Stormwater 19,858,000 31,470.621 31,906,300 37,704,168 34,903,626 11,612,621 55,5% 435,679 1.4% 5,797,868 18,2% Sub-Total Contributions to Capital 72,972,238 97,830,659 102,737,199 107,502,790 95,499,138 24,858,361 34,1% 4,906,540 5.0% 435,6591 4.6% Wastewater 11,323,428 10,389,8797 10,493,685 10,731,632 10,% 103,898 1.0% 103,898	Financial Charges	84,472	84,475	84,478	84,481	84,484	3		3	0.0%	3	
Sub-Total 61,591,732 62,185,522 64,205,271 66,368,578 68,656,811 593,790 1.0% 2,019,749 3.2% 2,163,307 3.4% Capital and Reserve Impacts on Operating Contributions to Capital 53,114,298 66,360,038 70,830,899 69,798,622 60,595,512 13,245,740 24.9% 4,470,861 6.7% (1,032,277) (1,5%) Sub-Total Contributions to Capital 72,972,298 97,830,659 102,737,199 107,502,790 95,499,138 24,858,361 34.1% 4,906,540 5.0% 4,765,591 4.6% Wastewater 11,323,428 10,389,797 10,493,695 10,597,593 10,701,491 (933,631) (8,2%) 103,898 1.0% 4,765,591 4.6% Wastewater 11,323,428 10,389,797 10,493,695 10,597,593 10,701,491 (933,631) (8,2%) 103,898 1.0% 4.6% Sub-Total Contributions for DC Exemptions 11,827,380 17,316,329 17,489,492 17,662,656 17,353,519 (1,556,051) (8,2%) 173,163		67,035,319									2,334,573	
Capital and Reserve Impacts on Operating Contributions to Capital 53,114,298 66,360,038 70,830,899 69,798,622 60,595,512 13,245,740 24,9% 4,470,861 6.7% (1,032,277) (1,5%) Stormwater 19,858,000 31,470,621 31,063,000 37,704,168 34,903,626 11,612,621 58,5% 435,679 1.4% 5,797,668 18,2% Sub-Total Contributions to Capital 72,972,298 97,830,695 102,737,199 107,502,790 95,499,138 24,858,361 34.1% 4,906,540 5.0% 4,765,591 4.6% Wastewater 500mwater 6,926,55 10,597,593 10,701,491 (933,631) (8,2%) 103,898 1.0% 103,898 1.0% 103,898 1.0% 103,898 1.0% 103,898 1.0% 103,898 1.0% 103,898 1.0% 103,898 1.0% 103,898 1.0% 10,9,265 1.0% 69,265 1.0% 69,265 1.0% 69,265 1.0% 69,265 1.0% 69,265 1.0%	•	(, , , ,	(, , ,			(, , ,		-	(, ,	-	(, ,	
Contributions to Capital Wastewater 53,114,298 66,360,038 70,830,899 69,798,622 60,595,512 13,245,740 24.9% 4,470,861 6.7% (1,032,277) (1.5%) Stormwater 19,858,000 31,470,621 31,906,300 37,704,168 34,903,626 11,612,621 58,5% 435,679 1.4% 5,797,868 18,2% Sub-Total Contributions to Capital 72,972,298 97,830,659 102,737,199 107,502,790 95,499,138 24,858,361 34.1% 4,906,540 5.0% 4,765,591 4.6% Wastewater 11,323,428 10,389,797 10,493,695 10,597,593 10,701,491 (933,631) (8.2%) 103,898 1.0% 103,898 1.0% 103,898 1.0% 103,898 1.0% 103,898 1.0% 103,898 1.0% 173,163 1.0% 10,3898 1.0% 103,898 1.0% 103,898 1.0% 103,898 1.0% 103,898 1.0% 10,3898 1.0% 10,389,897 10,493,695 10,271,1491 (933,631) (8.2%)	Sub-Total	61,591,732	62,185,522	64,205,271	66,368,578	68,656,811	593,790	1.0%	2,019,749	3.2%	2,163,307	3.4%
Wastewater 53,114,298 66,360,038 70,830,899 69,798,622 60,595,512 13,245,740 24.9% 4,470,861 6.7% (1,032,277) (1,5%) Stornwater 19,858,000 31,470,621 31,906,300 37,704,168 34,903,662 11,612,621 58.5% 435,679 1.4% 5,797,868 18.2% Sub-Total Contributions to Capital 72,972,298 97,830,659 102,737,199 107,502,790 95,499,138 24,858,361 34.1% 4,470,651 6.7% (1,032,277) (1,5%) Wastewater 11,323,428 10,389,797 10,493,695 10,597,593 10,701,491 (933,631) (8,2%) 103,898 1.0% 103,898 1.0% 103,898 1.0% 103,898 1.0% 103,898 1.0% 103,898 1.0% 103,898 1.0% 103,898 1.0% 103,898 1.0% 103,898 1.0% 103,898 1.0% 103,898 1.0% 103,898 1.0% 103,898 1.0% 10% 108,3133 10% 10% 10%	Capital and Reserve Impacts on Operating											
Stormwater 19,858,000 31,470,621 31,906,300 37,704,168 34,903,626 11,612,621 58.5% 435,679 1.4% 5,797,868 18.2% Sub-Total Contributions to Capital 72,972,298 97,830,659 102,737,199 107,502,790 95,499,138 24,858,361 34.1% 4,906,540 5.0% 4,765,591 4.6% Wastewater 11,323,428 10,389,797 10,493,695 10,597,593 10,701,491 (933,631) (8.2%) 103,898 1.0% 12,78,65 12,92,028 483,190 11,6% 22,40,993	Contributions to Capital											
Sub-Total Contributions to Capital 72,972,298 97,830,659 102,737,199 107,502,790 95,499,138 24,858,361 34.1% 4,906,540 5.0% 4,765,591 4.6% Wastewater Stormwater 11,323,428 10,389,797 10,493,695 10,597,593 10,701,491 (933,631) (8.2%) 103,898 1.0% 103,898 1.0% Sub-Total Contributions for DC Exemptions 18,872,380 17,316,329 17,489,492 17,662,656 17,835,819 (1,556,051) (8.2%) 173,163 1.0% 173,163 1.0% Sub-Total Contributions for DC Exemptions 12,870,675 12,984,897 26,094,783 45,026,165 67,554,439 114,222 0.9% 13,109,885 101.0% 18,931,383 72.5% Stormwater 4,171,929 4,655,119 7,496,113 9,747,265 12,126,028 483,190 11.6% 2,840,993 611.0% 2,251,153 30.0% DC Debt Charges 12,744,984 12,906,092 19,153,844 28,017,866 38,968,728 161,108 1.3% 6,247,752 48.4%<	Wastewater	53,114,298	66,360,038	70,830,899	69,798,622	60,595,512	13,245,740				(1,032,277)	(1.5%)
Wastewater 11,323,428 10,389,797 10,493,695 10,597,593 10,701,491 (933,631) (8.2%) 103,898 1.0% 103,898 1.0% Stormwater 7,548,952 6,926,532 6,995,797 7,065,062 7,134,328 (622,420) (8.2%) 69,265 1.0% 69,265 1.0% Sub-Total Contributions for DC Exemptions 18,872,380 17,316,329 17,489,492 17,662,656 17,835,819 (1,556,051) (8.2%) 173,163 1.0% 69,265 1.0% Wastewater 12,870,675 12,984,897 26,094,783 45,026,165 67,554,439 114,222 0.9% 13,109,885 101.0% 18,931,383 72.5% Stormwater 4,171,929 4,655,119 7,496,113 9,747,265 12,126,028 483,190 11.6% 2,840,993 61.0% 2,251,153 30.0% Debt Charges 12,744,984 12,906,092 19,153,844 28,017,866 38,968,728 161,108 1.3% 6,247,752 48.4% 8,864,022 46.3% Sub-Total Capital Pinancing 104,589,662 128,053,079 139,380,535 153,183,31	Stormwater					, ,	, ,		,			
Stormwater 7,548,952 6,926,532 6,995,797 7,065,062 7,134,328 (622,420) (8,2%) 69,265 1.0% 69,265 1.0% Sub-Total Contributions for DC Exemptions 18,872,380 17,316,329 17,489,492 17,662,656 17,835,819 (1,556,051) (8.2%) 173,163 1.0% 173,163 1.0% Capital Debt Charges Wastewater 12,870,675 12,984,897 26,094,783 45,026,165 67,554,439 114,222 0.9% 13,109,885 101.0% 18,931,383 72.5% Stormwater 12,870,675 12,984,897 26,094,783 45,026,165 67,554,439 114,222 0.9% 13,109,885 101.0% 18,931,383 72.5% Stormwater 12,870,675 12,984,897 26,094,783 45,026,165 67,554,439 114,222 0.9% 13,109,885 101.0% 18,931,383 72.5% Stormwater 12,870,675 12,984,897 26,004,783 45,026,165 67,554,439 114,222 0.9% 61.0% 2,925,153 30.0% <td>Sub-Total Contributions to Capital</td> <td>72,972,298</td> <td>97,830,659</td> <td>102,737,199</td> <td>107,502,790</td> <td>95,499,138</td> <td>24,858,361</td> <td>34.1%</td> <td>4,906,540</td> <td>5.0%</td> <td>4,765,591</td> <td>4.6%</td>	Sub-Total Contributions to Capital	72,972,298	97,830,659	102,737,199	107,502,790	95,499,138	24,858,361	34.1%	4,906,540	5.0%	4,765,591	4.6%
Sub-Total Contributions for DC Exemptions 18,872,380 17,316,329 17,489,492 17,662,656 17,835,819 (1,556,051) (8.2%) 173,163 1.0% 173,163 1.0% Capital Debt Charges Wastewater 12,870,675 12,984,897 26,094,783 45,026,165 67,554,439 114,222 0.9% 13,109,885 101.0% 18,931,383 72.5% Stormwater 4,171,929 4,655,119 7,496,113 9,747,265 12,126,028 483,190 11.6% 2,840,993 61.0% 2,251,153 30.0% DC Debt Charges 12,744,984 12,906,092 19,153,844 28,017,866 38,968,728 161,108 1.3% 6,247,752 48.4% 8,864,022 46.3% Sub-Total Capital And Reserve Impacts on Operating 104,589,662 128,053,079 139,380,535 153,183,312 152,303,685 23,463,417 22.4% 11,327,456 8.8% 13,802,776 9.9% Sub-Total Capital and Reserve Impacts on Operating 91,800,845 102,888,080 117,148,926 133,024,569 149,644,659 11,087,235	Wastewater	11,323,428	10,389,797	10,493,695	10,597,593	10,701,491	(933,631)	(8.2%)	103,898	1.0%	103,898	1.0%
Capital Debt Charges Wastewater 12,870,675 12,984,897 26,094,783 45,026,165 67,554,439 114,222 0.9% 13,109,885 101.0% 18,931,383 72.5% Stormwater 4,171,929 4,655,119 7,496,113 9,747,265 12,126,028 483,190 11.6% 2,840,993 61.0% 2,251,153 30.0% DC Debt Charges 8coveries 12,744,984 12,906,092 19,153,844 28,017,866 38,968,728 161,108 1.3% 6,247,752 48.4% 8,864,022 46.3% Sub-Total Capital Financing 104,589,662 128,053,079 139,380,535 153,183,312 152,303,685 23,463,417 22.4% 11,327,456 8.8% 13,802,776 9.9% Reserve Transfers (12,788,817) (25,165,000) (22,231,610) (20,158,742) (2,659,025) (12,376,182) 96.8% 2,933,390 (11.7%) 2,072,868 (9.3%) Sub-Total Capital and Reserve Impacts on Operating 91,800,845 102,888,080 117,148,926 133,024,569 149,644,659 11,087,235 12.1% 14,260,846 13.9% 15,875,644 13.6% <td>Stormwater</td> <td>7,548,952</td> <td>6,926,532</td> <td>6,995,797</td> <td>7,065,062</td> <td>7,134,328</td> <td>(622,420)</td> <td>(8.2%)</td> <td>69,265</td> <td>1.0%</td> <td>69,265</td> <td>1.0%</td>	Stormwater	7,548,952	6,926,532	6,995,797	7,065,062	7,134,328	(622,420)	(8.2%)	69,265	1.0%	69,265	1.0%
Wastewater12,870,67512,984,89726,094,78345,026,16567,554,439114,2220.9%13,109,885101.0%18,931,38372.5%Stormwater4,171,9294,655,1197,496,1139,747,26512,126,028483,19011.6%2,840,99361.0%2,251,15330.0%DC Debt Charges Recoveries(4,297,620)(4,733,925)(14,437,051)(26,755,565)(40,711,739)(436,305)10.2%(9,703,126)205.0%(12,318,513)85.3%Sub-Total Debt Charges12,744,98412,906,09219,153,84428,017,86638,968,728161,1081.3%6,247,75248.4%8,864,02246.3%Sub-Total Capital Financing104,589,662128,053,079139,380,535153,183,312152,303,68523,463,41722.4%11,327,4568.8%13,802,7769.9%Sub-Total Capital and Reserve Impacts on Operating91,800,845102,888,080117,148,926133,024,569149,644,65911,087,23512.1%14,260,84613.9%15,875,64413.6%	Sub-Total Contributions for DC Exemptions	18,872,380	17,316,329	17,489,492	17,662,656	17,835,819	(1,556,051)	(8.2%)	173,163	1.0%	173,163	1.0%
Stormwater 4,171,929 4,655,119 7,496,113 9,747,265 12,126,028 483,190 11.6% 2,840,993 61.0% 2,251,153 30.0% DC Debt Charges Recoveries (4,297,620) (4,733,925) (14,437,051) (26,755,565) (40,711,739) (436,305) 10.2% (9,703,126) 205.0% (12,318,513) 85.3% Sub-Total Debt Charges 12,744,984 12,906,092 19,153,844 28,017,866 38,968,728 161,108 1.3% 6,247,752 48.4% 8,864,022 46.3% Sub-Total Capital Financing 104,589,662 128,053,079 139,380,535 153,183,312 152,303,685 23,463,417 22.4% 11,327,456 8.8% 13,802,776 9.9% Reserve Transfers (12,788,817) (25,165,000) (22,231,610) (20,158,742) (2,659,025) (12,376,182) 96.8% 2,933,390 (11.7%) 2,072,868 (9.3%) Sub-Total Capital and Reserve Impacts on Operating 91,800,845 102,888,080 117,148,926 133,024,569 149,644,659 11,087,235 12.1% 14,260,846 13.9% 15,875,644 13.6%		40.070.075	40.004.007	00 00 4 700	45 000 405	07 554 400	444.000	0.00/	10,100,005	101.00/	10 004 000	70 5%
DC Debt Charges Recoveries (4,297,620) (4,733,925) (14,437,051) (26,755,565) (40,711,739) (436,305) 10.2% (9,703,126) 205.0% (12,318,513) 85.3% Sub-Total Debt Charges 12,744,984 12,906,092 19,153,844 28,017,866 38,968,728 161,108 1.3% 6,247,752 48.4% 8,864,022 46.3% Sub-Total Capital Financing 104,589,662 128,053,079 139,380,535 153,183,312 152,303,685 23,463,417 22.4% 11,327,456 8.8% 13,802,776 9.9% Reserve Transfers (12,788,817) (25,165,000) (22,231,610) (20,158,742) (2,659,025) (12,376,182) 96.8% 2,933,390 (11.7%) 2,072,868 (9.3%) Sub-Total Capital and Reserve Impacts on Operating 91,800,845 102,888,080 117,148,926 133,024,569 149,644,659 11,087,235 12.1% 14,260,846 13.9% 15,875,644 13.6%							,					
Sub-Total Debt Charges 12,744,984 12,906,092 19,153,844 28,017,866 38,968,728 161,108 1.3% 6,247,752 48.4% 8,864,022 46.3% Sub-Total Capital Financing 104,589,662 128,053,079 139,380,535 153,183,312 152,303,685 23,463,417 22.4% 11,327,456 8.8% 13,802,776 9.9% Reserve Transfers (12,788,817) (25,165,000) (22,231,610) (20,158,742) (2,659,025) (12,376,182) 96.8% 2,933,390 (11.7%) 2,072,868 (9.3%) Sub-Total Capital and Reserve Impacts on Operating 91,800,845 102,888,080 117,148,926 133,024,569 149,644,659 11,087,235 12.1% 14,260,846 13.9% 15,875,644 13.6%							,					
Reserve Transfers (12,788,817) (25,165,000) (22,231,610) (20,158,742) (2,659,025) (12,376,182) 96.8% 2,933,390 (11.7%) 2,072,868 (9.3%) Sub-Total Capital and Reserve Impacts on Operating 91,800,845 102,888,080 117,148,926 133,024,569 149,644,659 11,087,235 12.1% 14,260,846 13.9% 15,875,644 13.6%		(, , , ,					(, ,					
Sub-Total Capital and Reserve Impacts on 91,800,845 102,888,080 117,148,926 133,024,569 149,644,659 11,087,235 12.1% 14,260,846 13.9% 15,875,644 13.6%	Sub-Total Capital Financing	104,589,662	128,053,079	139,380,535	153,183,312	152,303,685	23,463,417	22.4%	11,327,456	8.8%	13,802,776	9.9%
Operating 91,800,845 102,888,080 117,148,926 133,024,569 149,644,659 11,087,235 12.1% 14,260,846 13.9% 15,875,644 13.6%	Reserve Transfers	(12,788,817)	(25,165,000)	(22,231,610)	(20,158,742)	(2,659,025)	(12,376,182)	96.8%	2,933,390	(11.7%)	2,072,868	(9.3%)
TOTAL EXPENDITURES 153,392,577 165,073,602 181,354,197 199,393,147 218,301,471 11,681,025 7.6% 16,280,595 9.9% 18,038,950 9.9%	• •	91,800,845	102,888,080	117,148,926	133,024,569	149,644,659	11,087,235	12.1%	14,260,846	13.9%	15,875,644	13.6%
	TOTAL EXPENDITURES	153,392,577	165,073,602	181,354,197	199,393,147	218,301,471	11,681,025	7.6%	16,280,595	9.9%	18,038,950	9.9%

CITY OF HAMILTON 2025 - 2028 HAMILTON WASTEWATER AND STORM OPERATING BUDGET COMBINED WASTEWATER AND STORM

	2024 RESTATED BUDGET	2025 REQUESTED BUDGET	2026 PROJECTED BUDGET	2027 PROJECTED BUDGET	2028 PROJECTED BUDGET	CHANGE D 2025 REQUESTED / 2024 RESTATED BUDGET		CHANGE 2026 PROJECTED / T 2025 REQUESTED BUDGET			
	\$	\$	\$	\$	\$	\$	%	\$	%	\$	%
REVENUES:											
Rate Revenue											
Residential	67,862,703	74,213,192	82,244,262	91,263,545	100,914,864	6,350,489	9.4%	8,031,070	10.8%	9,019,282	11.0%
Industrial/Commercial/Institutional/Multi-res	70,274,065	77,541,721	85,441,752	94,102,667	102,976,931	7,267,655	10.3%	7,900,032	10.2%	8,660,914	10.1%
Non-Metered	597,850	657,037	721,427	788,519	872,891	59,187	9.9%	64,390	9.8%	67,093	9.3%
Hauler / 3rd Party Sales	984,256	1,006,894	1,030,052	1,053,744	1,077,980	22,638	2.3%	23,159	2.3%		2.3%
Overstrength Agreements	3,507,880	3,588,562	3,671,098	3,755,534	3,841,911	80,681	2.3%	82,537	2.3%		2.3%
Sewer Surcharge Agreements	7,145,429	7,309,774	7,477,898	7,649,890	7,825,838	164,345	2.3%	168,125	2.3%	171,992	2.3%
Sub-Total Utility Rates	150,372,184	164,317,179	180,586,491	198,613,899	217,510,414	13,944,995	9.3%	16,269,312	9.9%	18,027,408	10.0%
Non-Rate Revenue											
Local Improvement Recoveries	265,850	265,850	265,850	265,850	265,850	-	0.0%	-	0.0%	-	0.0%
Permits / Leases / Agreements	239,607	245,118	250,756	256,523	262,423	5,511	2.3%	5,638	2.3%	5,767	2.3%
Investment Income	-	-	-	-	-	-	0.0%	-	0.0%	-	0.0%
General Fees and Recoveries	239,936	245,454	251,100	256,875	262,783	5,519	2.3%	5,645	2.3%	5,775	2.3%
Build Faster Fund	2,275,000	-	-	-	-	(2,275,000)	(100.0%)	-	0.0%	-	0.0%
Sub-Total Non-Rate Revenue	3,020,393	756,423	767,706	779,248	791,057	(2,263,971)	(75.0%)	11,283	1.5%	11,543	1.5%
TOTAL REVENUES	153,392,577	165,073,602	181,354,197	199,393,147	218,301,471	11,681,025	7.6%	16,280,595	9.9%	18,038,950	9.9%
NET EXPENDITURES		-	-	-	-	-	0.0%		0.0%		0.0%

CITY OF HAMILTON 2025-2034 HAMILTON WASTEWATER AND STORM OPERATING BUDGET COMBINED WASTEWATER AND STORM

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	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
	Restated	Requested	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast
OPERATING EXPENDITURES]										
OPERATING COSTS	61,592	62,186	64,205	66,369	68,657	70,693	72,956	74,851	76.800	78,804	80,865
TOTAL OPERATING COSTS	61,592	62,186	64,205	66,369	68,657	70,693	72,956	74,851	76,800	78,804	80,865
CAPITAL & RESERVE IMPACTS ON OPERA	TING										
Contributions to Capital											
Wastewater	53,114	66,360	70,831	69,799	60,596	82,319	83,391	82,032	123,660	219,349	180,353
Stormwater	19,858	31,471	31,906	37,704	34,904	39,214	37,876	49,082	69,396	78,176	90,711
Sub-total Contributions to Capital	72,972	97,831	102,737	107,503	95,499	121,533	121,267	131,115	193,057	297,525	271,064
Contributions for DC Exemptions											
Wastewater	11,323	10,390	10,494	10,598	10,701	10,805	10,909	11,013	11,117	11,221	11,328
Stormwater	7,549	6,927	6,996	7,065	7,134	7,204	7,273	7,342	7,411	7,481	7,552
Sub-total Contributions to Capital	18,872	17,316	17,489	17,663	17,836	18,009	18,182	18,355	18,528	18,702	18,879
Debt Charges											
Wastewater	12,871	12,985	26,095	45,026	67,554	86,826	95,897	99,229	97,155	97,235	96,214
Stormwater	4,172	4,655	7,496	9,747	12,126	13,762	14,395	14,764	14,483	14,218	12,976
DC Debt Charges Recoveries	(4,298)	(4,734)	(14,437)	(26,756)	(40,712)	(51,734)	(57,918)	(60,059)	(60,072)	(60,182)	(60,048)
Sub-total Debt Charges	12,745	12,906	19,154	28,018	38,969	48,855	52,374	53,935	51,566	51,271	49,141
	107.91%	101.26%	148.41%	146.28%	139.09%	125.37%	107.20%	102.98%	95.61%	99.43%	95.85%
Reserve Transfers	(12,789)	(25,165)	(22,232)	(20,159)	(2,659)	(18,634)	196	11,368	(21,812)	(97,403)	(63,672)
Sub-Total Capital & Reserve Impacts on											
Operating	91,801	102,888	117,149	133,025	149,645	169,764	192,019	214,772	241,339	270,095	275,413
TOTAL EXPENDITURES	153,393	165,074	181,354	199,393	218,301	240,457	264,975	289,623	318,139	348,899	356,278
REVENUES	1										
Residential	67,863	74,213	82,244	91,264	100,915	111,874	124,140	136,518	150,522	166,056	169,879
Industrial/Commercial/Institutional/Multi-res	70,274	77,542	85,442	94,103	102,977	113,787	125,640	137,487	151,552	166,309	169,495
Non-Metered	598	657	721	789	873	954	1,041	1,145	1,265	1,399	1,427
Hauler / 3rd Party Sales	984	1,007	1,030	1,054	1,078	1,103	1,128	1,154	1,181	1,208	1,236
Overstrength Agreements	3,508	3,589	3,671	3,756	3,842	3,930	4,021	4,113	4,208	4,305	4,404
Sewer Surcharge Agreements	7,145	7,310	7,478	7,650	7,826	8,006	8,190	8,378	8,571	8,768	8,970
Non-Rate Revenue	3,020	756	768	779	791	803	815	828	841	854	868
TOTAL REVENUES	153,393	165,074	181,354	199,393	218,301	240,457	264,975	289,623	318,139	348,899	356,278
NET EXPENDITURES	-	-	-	-	-	-	-	-	-	-	-
Rate Increase	10.2%	10.0%	10.3%	10.4%	10.0%	10.3%	10.4%	9.4%	9.8%	9.8%	1.8%
RESIDENTIAL BILL (200m ³ p.a.)	\$ 491.40	\$ 540.45 \$	595.95	\$ 657.90	\$ 723.50	\$ 798.30	\$ 881.55	\$ 964.80	\$ 1,059.25	\$ 1,163.00	\$ 1,184.30

CITY OF HAMILTON 2025 HAMILTON WASTEWATER AND STORM OPERATING BUDGET WASTEWATER

	2024	2024	2025	CHANG		CHANGE	
	RESTATED	PROJECTED	REQUESTED	2024 PROJECTE		2025 REQUES	
	BUDGET	ACTUAL	BUDGET	/ 2024 RESTATE		2024 RESTATED	
	\$	\$	\$	\$	%	\$	%
OPERATING EXPENDITURES:							
Environmental Services							
Divisional Administration & Support	5,755,264	5,755,264	6,104,047	-	0.0%	348,784	6.1%
Woodward Upgrades	818,758	818,758	864,458	-	0.0%	45,700	5.6%
Customer Service & Community Outreach	3,463,585	3,463,585	2,409,414	-	0.0%	(1,054,171)	(30.4%)
Compliance & Regulations	3,351,556	3,351,556	3,514,736	-	0.0%	163,180	4.9%
Water Distribution & Wastewater Collection	4,323,404	4,323,404	4,347,877	-	0.0%	24,474	0.6%
Plant Operations	23,436,080	23,436,080	24,084,327	-	0.0%	648,247	2.8%
Plant Maintenance	5,992,165	5,992,165	6,227,845	-	0.0%	235,681	3.9%
Capital Planning & Delivery	2,772,401	2,772,401	3,106,303	-	0.0%	333,902	12.0%
Watershed Management	-	-	-	-	0.0%	-	0.0%
Wastewater Abatement Program	1,141,839	1,141,839	1,141,840	-	0.0%	1	0.0%
Alectra Utilities Service Contract	3,053,360	3,053,360	3,153,810	-	0.0%	100,450	3.3%
Low Income Seniors Utility Rebate	250,032	250,032	250,034	-	0.0%	2	0.0%
Sewer Lateral Management Program	300,000	300,000	300,000	-	0.0%	-	0.0%
Hamilton Harbour Remedial Action Plan	-	-	-	-	0.0%	-	0.0%
Residential Stormwater Subsidy Program	-	-	-	-	0.0%	-	0.0%
Protective Plumbing Program (3P)	-	-	-	-	0.0%	-	0.0%
Financial Charges	84,440	84,440	84,443	-	0.0%	3	0.0%
Ũ	54,742,883	54,742,883	55,589,135	-	0.0%	846,252	1.5%
Capital and Reserve Recoveries	(4,303,218)	(4,303,218)	(4,697,696)	-	0.0%	(394,477)	9.2%
Sub-Total Environmental Services	50,439,665	50,439,665	50,891,440	-	0.0%	451,775	0.9%
Capital and Reserve Impacts on Operating							
Contributions to Capital							
Wastewater	53,114,298	53,114,298	66,360,038	-	0.0%	13,245,740	24.9%
Sub-Total Contributions to Capital	53,114,298	53,114,298	66,360,038	-	0.0%	13,245,740	24.9%
Contributions for DC Exemptions							
Wastewater	11,323,428	11,323,428	10,389,797	_	0.0%	(933,631)	(8.2%)
Sub-Total Contributions for DC Exemptions	11,323,428	11,323,428	10,389,797	-	0.0%	(933,631)	(8.2%)
	,020,720	,020,420			0.070	(000,001)	(0.270)

CITY OF HAMILTON 2025 HAMILTON WASTEWATER AND STORM OPERATING BUDGET WASTEWATER

	2024	2024	2025	CHANG	Ε	CHANG	Ξ		
	RESTATED	PROJECTED	REQUESTED	2024 PROJECTE	D ACTUAL	2025 REQUES	STED /		
	BUDGET	ACTUAL	BUDGET	/ 2024 RESTATE	D BUDGET	2024 RESTATED	BUDGET		
-	\$	\$	\$	\$	%	\$	%		
Capital Debt Charges									
Wastewater	12,870,675	12,870,675	12,984,897	-	0.0%	114,222	0.9%		
DC Debt Charges Recoveries	(3,128,520)	(3,128,520)	(3,079,103)	-	0.0%	49,417	(1.6%)		
Sub-Total Debt Charges	9,742,155	9,742,155	9,905,794	-	0.0%	163,639	1.7%		
Sub-Total Capital Financing	74,179,881	74,179,881	86,655,629	-	0.0%	12,475,748	16.8%		
Reserve Transfers	27,863,031	27,863,031	27,526,533	-	0.0%	(336,498)	(1.2%)		
Sub-Total Cap\Reserve Impacts on Operating	102,042,912	102,042,912	114,182,162	-	0.0%	12,139,250	11.9%		
TOTAL EXPENDITURES	152,482,577	152,482,577	165,073,602	-	0.0%	12,591,025	8.3%		
REVENUES:									
Rate Revenue									
Residential	67,862,703	67,862,703	74,213,192	-	0.0%	6,350,489	9.4%		
Industrial/Commercial/Institutional/Multi-res	70,274,065	70,274,065	77,541,721	-	0.0%	7,267,655	10.3%		
Non-Metered	597,850	597,850	657,037	-	0.0%	59,187	9.9%		
Hauler / 3rd Party Sales	984,256	984,256	1,006,894	-	0.0%	22,638	2.3%		
Overstrength Agreements	3,507,880	3,507,880	3,588,562	-	0.0%	80,681	2.3%		
Sewer Surcharge Agreements	7,145,429	7,145,429	7,309,774	-	0.0%	164,345	2.3%		
Sub-Total Utility Rates	150,372,184	150,372,184	164,317,179	-	0.0%	13,944,995	9.3%		
Non-Rate Revenue									
Local Improvement Recoveries	265,850	265,850	265,850	-	0.0%	-	0.0%		
Permits / Leases / Agreements	239,607	239,607	245,118	-	0.0%	5,511	2.3%		
Investment Income	-	-	-	-	0.0%	-	0.0%		
General Fees and Recoveries	239,936	239,936	245,454	-	0.0%	5,519	2.3%		
Build Faster Fund	1,365,000	1,365,000	-	-	0.0%	(1,365,000)	(100.%)		
Sub-Total Non-Rate Revenue	2,110,393	2,110,393	756,423	-	0.0%	(1,353,971)	(64.2%)		
TOTAL REVENUES	152,482,577	152,482,577	165,073,602	-	0.0%	12,591,025	8.3%		
NET EXPENDITURES	-	-	-	-	0.0%		0.0%		

CITY OF HAMILTON 2025 - 2028 HAMILTON WASTEWATER AND STORM OPERATING BUDGET WASTEWATER

	2024 RESTATED BUDGET	2025 REQUESTED BUDGET	2026 PROJECTED BUDGET	2027 PROJECTED BUDGET	2028 PROJECTED BUDGET	CHANGE 2025 REQUES 2024 RESTATED	TED /	CHANGE 2026 PROJECT 2025 REQUESTED F		CHANGE 2027 PROJEC 2026 PROJECTED	TED /
OPERATING EXPENDITURES:	\$	\$	\$	\$	\$	\$	%	\$	%	\$	%
Divisional Administration & Support	5,755,264	6,104,047	6,240,540	6,432,225	6,648,498	348,784	6.1%	136,493	2.2%	191,685	3.1%
Woodward Upgrades	818,758	864,458	889,335	914,949	941,325	45,700	5.6%	24,876	2.9%	25,615	2.9%
Customer Service & Community Outreach	3,463,585	2,409,414	2,525,118	2,605,584	2,774,238	(1,054,171)	(30.4%)	115,704	4.8%	80,466	3.2%
Compliance & Regulations	3,351,556	3,514,736	3,655,177	3,845,380	4,003,890	163,180	4.9%	140,441	4.0%	190,203	5.2%
Water Distribution & Wastewater Collection	4,323,404	4,347,877	4,458,018	4,594,534	4,736,240	24,474	0.6%	110,140	2.5%	136,516	3.1%
Plant Operations	23,436,080	24,084,327	24,754,095	25,511,688	26,318,313	648,247	2.8%	669,768	2.8%	757,593	3.1%
Plant Maintenance	5,992,165	6,227,845	6,483,393	6,699,096	6,867,077	235,681	3.9%	255,548	4.1%	215,703	3.3%
Capital Planning & Delivery	2,772,401	3,106,303	3,263,969	3,497,758	3,599,665	333,902	12.0%	157,666	5.1%	233,790	7.2%
Watershed Management	-	-	-	-	-	-	0.0%	-	0.0%	-	0.0%
Wastewater Abatement Program	1,141,839	1,141,840	1,168,102	1,194,969	1,222,453	1	0.0%	26,262	2.3%	26,866	2.3%
Alectra Utilities Service Contract	3,053,360	3,153,810	3,226,262	3,300,379	3,376,202	100,450	3.3%	72,451	2.3%	74,118	2.3%
Low Income Seniors Utility Rebate	250,032	250,034	250,035	250,036	250,037	2	0.0%	1	0.0%	1	0.0%
Sewer Lateral Management Program	300,000	300,000	300,000	300,000	300,000	-	0.0%	-	0.0%	-	0.0%
Hamilton Harbour Remedial Action Plan		-				-	0.0%		0.0%	-	0.0%
Residential Stormwater Subsidy Program	_	_	_				0.0%		0.0%		0.0%
Protective Plumbing Program (3P)	-	-	-			-	0.0%		0.0%	-	0.0%
Financial Charges	84.440	84,443	84,446	84,449	84.452	3	0.0%	3	0.0%	3	0.0%
i manolal onalgoo	54,742,883	55,589,135	57,298,490	59,231,048	61,122,389	846,252	1.5%	1,709,354	3.1%	1,932,558	3.4%
Capital and Reserve Recoveries	(4,303,218)	(4,697,696)	(4,829,203)	(4,964,591)	(5,103,975)	(394,477)	9.2%	(131,507)	2.8%	(135,388)	2.8%
Sub-Total	50,439,665	50,891,440	52,469,287	54,266,457	56,018,414	451,775	0.9%	1,577,847	3.1%	1,797,170	3.4%
Capital and Reserve Impacts on Operating											
Contributions to Capital											
Wastewater	53,114,298	66,360,038	70,830,899	69,798,622	60,595,512	13,245,740	24.9%	4,470,861	6.7%	(1,032,277)	(1.5%)
Sub-Total Contributions to Capital	53,114,298	66,360,038	70,830,899	69,798,622	60,595,512	13,245,740	24.9%	4,470,861	6.7%	(1,032,277)	(1.5%)
Contributions for DC Exemptions											
Wastewater	11,323,428	10,389,797	10,493,695	10,597,593	10,701,491	(933,631)	(8.2%)	103,898	1.0%	103,898	1.0%
Sub-Total Contributions for DC Exemptions	11,323,428	10,389,797	10,493,695	10,597,593	10,701,491	(933,631)	(8.2%)	103,898	1.0%	103,898	1.0%
Debt Charges											
Wastewater	12,870,675	12,984,897	26,094,783	45,026,165	67,554,439	114,222	0.9%	13,109,885	101.0%	18,931,383	72.5%
DC Debt Charges Recoveries	(3,128,520)	(3,079,103)	(10,766,411)	(22,015,595)	(34,903,506)	49,417	(1.6%)	(7,687,309)	249.7%	(11,249,183)	104.5%
Sub-Total Debt Charges	9,742,155	9,905,794	15,328,371	23,010,572	32,650,935	163,639	1.7%	5,422,577	54.7%	7,682,200	50.1%
Sub-Total Capital Financing	74,179,881	86,655,629	96,652,965	103,406,787	103,947,938	12,475,748	16.8%	9,997,336	11.5%	6,753,821	7.0%
Reserve Transfers	27,863,031	27,526,533	32,231,944	41,719,903	58,335,118	(336,498)	(1.2%)	4,705,412	17.1%	9,487,959	29.4%
Sub-Total Capital and Reserve Impacts on Operating	102,042,912	114,182,162	128,884,910	145,126,690	162,283,056	12,139,250	11.9%	14,702,748	12.9%	16,241,780	12.6%
TOTAL EXPENDITURES	152,482,577	165,073,602	181,354,197	199,393,147	218,301,471	12,591,025	8.3%	16,280,595	9.9%	18,038,950	9.9%

CITY OF HAMILTON 2025 - 2028 HAMILTON WASTEWATER AND STORM OPERATING BUDGET WASTEWATER

	2024 RESTATED BUDGET	2025 REQUESTED BUDGET	BUDGET BUDGET		2028 PROJECTED BUDGET	ROJECTED 2025 REQUESTED / 2026 PROJECTED / BUDGET 2024 RESTATED BUDGET 2025 REQUESTED BUDG				TED /	
	\$	\$	\$	\$	\$	\$	%	\$	%	\$	%
REVENUES:											
KEVENDES.											
Rate Revenue											
Residential	67,862,703	74,213,192	82,244,262	91,263,545	100,914,864	6,350,489	9.4%	8,031,070	10.8%		11.0%
Industrial/Commercial/Institutional/Multi-res	70,274,065	77,541,721	85,441,752	94,102,667	102,976,931	7,267,655	10.3%	7,900,032	10.2%	- / / -	10.1%
Non-Metered	597,850	657,037	721,427	788,519	872,891	59,187	9.9%	64,390	9.8%	67,093	9.3%
Hauler / 3rd Party Sales	984,256	1,006,894	1,030,052	1,053,744	1,077,980	22,638	2.3%	23,159	2.3%	23,691	2.3%
Overstrength Agreements	3,507,880	3,588,562	3,671,098	3,755,534	3,841,911	80,681	2.3%	82,537	2.3%	- /	2.3%
Sewer Surcharge Agreements	7,145,429	7,309,774	7,477,898	7,649,890	7,825,838	164,345	2.3%	168,125	2.3%	171,992	2.3%
Sub-Total Utility Rates	150,372,184	164,317,179	180,586,491	198,613,899	217,510,414	13,944,995	9.3%	16,269,312	9.9%	18,027,408	10.0%
Non-Rate Revenue											
Local Improvement Recoveries	265,850	265,850	265,850	265,850	265,850	-	0.0%	-	0.0%	-	0.0%
Permits / Leases / Agreements	239,607	245,118	250,756	256,523	262,423	5,511	2.3%	5,638	2.3%	5,767	2.3%
Investment Income	-	-	-	-	-	-	0.0%	-	0.0%	-	0.0%
General Fees and Recoveries	239,936	245,454	251,100	256,875	262,783	5,519	2.3%	5,645	2.3%	5,775	2.3%
Buidlg Faster Fund	1,365,000	-	-	-	-	(1,365,000)	(100.0%)	-	0.0%	-	0.0%
Sub-Total Non-Rate Revenue	2,110,393	756,423	767,706	779,248	791,057	(1,353,971)	(64.2%)	11,283	1.5%	11,543	1.5%
TOTAL REVENUES	152,482,577	165,073,602	181,354,197	199,393,147	218,301,471	12,591,025	8.3%	16,280,595	9.9%	18,038,950	9.9%
NET EXPENDITURES	<u>.</u>	<u>.</u>	-	<u>.</u>	_	<u>.</u>	0.0%	_	0.0%	<u>.</u>	0.0%

CITY OF HAMILTON 2025-2034 HAMILTON WASTEWATER AND STORM OPERATING BUDGET WASTEWATER

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	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
l	Restated	Requested	Forecast								
OPERATING EXPENDITURES											
OPERATING COSTS	50,440	50,891	52,469	54,266	56,018	57,700	59,606	61,183	62,806	64,474	66,191
TOTAL OPERATING COSTS	50,440	50,891	52,469	54,266	56,018	57,700	59,606	61,183	62,806	64,474	66,191
CAPITAL & RESERVE IMPACTS ON OPE	PATING										
Contributions to Capital	RATING										
Wastewater	53,114	66,360	70,831	69,799	60,596	82,319	83,391	82,032	123,660	219,349	180,353
Sub-total Contributions to Capital	53,114	66,360	70,831	69,799	60,596	82,319	83,391	82,032	123,660	219,349	180,353
Contributions for DC Exemptions											
Wastewater	11,323	10,390	10,494	10,598	10,701	10,805	10,909	11,013	11,117	11,221	11,328
Sub-total Contributions to Capital	11,323	10,390	10,494	10,598	10,701	10,805	10,909	11,013	11,117	11,221	11,328
Debt Charges											
Wastewater	12,871	12,985	26,095	45,026	67,554	86,826	95,897	99,229	97,155	97,235	96,214
DC Debt Charges Recoveries	(3,129)	(3,079)	(10,766)	(22,016)	(34,904)	(45,382)	(51,571)	(53,717)	(53,751)	(53,865)	(53,862)
Sub-total Debt Charges	9,742	9,906	15,328	23,011	32,651	41,444	44,326	45,512	43,403	43,370	42,351
	107.91%	101.68%	154.74%	150.12%	141.90%	126.93%	106.95%	102.68%	95.37%	99.92%	97.65%
Reserve Transfers	27,863	27,527	32,232	41,720	58,335	48,188	66,743	89,882	77,153	10,484	56,055
Sub-Total Capital & Reserve Impacts											
on Operating	102,043	114,182	128,885	145,127	162,283	182,757	205,369	228,440	255,333	284,424	290,087
TOTAL EXPENDITURES	152,483	165,074	181,354	199,393	218,301	240,457	264,975	289,623	318,139	348,899	356,278
REVENUES											
Residential	67,863	74,213	82,244	91,264	100,915	111,874	124,140	136,518	150,522	166,056	169,879
Industrial/Commercial/Institutional/Multi-res	70,274	77,542	85,442	94,103	102,977	113,787	125,640	137,487	151,552	166,309	169,495
Non-Metered	598	657	721	789	873	954	1,041	1,145	1,265	1,399	1,427
Hauler / 3rd Party Sales	984	1,007	1,030	1,054	1,078	1,103	1,128	1,154	1,181	1,208	1,236
Overstrength Agreements	3,508	3,589	3,671	3,756	3,842	3,930	4,021	4,113	4,208	4,305	4,404
Sewer Surcharge Agreements	7,145	7,310	7,478	7,650	7,826	8,006	8,190	8,378	8,571	8,768	8,970
Non-Rate Revenue	2,110	756	768	779	791	803	815	828	841	854	868
TOTAL REVENUES	152,483	165,074	181,354	199,393	218,301	240,457	264,975	289,623	318,139	348,899	356,278
NET EXPENDITURES	-	-	-	-	-	•	•	-	-	-	

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CITY OF HAMILTON 2025 HAMILTON WASTEWATER AND STORM OPERATING BUDGET **STORM**

	2024	2024	2025	CHANG	E	CHANGE	
	RESTATED	PROJECTED	REQUESTED	2024 PROJECTE		2025 REQUES	
	BUDGET	ACTUAL	BUDGET	/ 2024 RESTATE	D BUDGET	2024 RESTATED	
	\$	\$	\$	\$	%	\$	%
OPERATING EXPENDITURES:							
Divisional Administration & Support	786,075	786,075	833,713	-	0.0%	47,638	6.1%
Woodward Upgrades	67,697	67,697	71,476	-	0.0%	3,779	5.6%
Customer Service & Community Outreach	1,912,898	1,912,898	1,330,692	-	0.0%	(582,206)	(30.4%)
Compliance & Regulations	1,098,226	1,098,226	1,151,696	-	0.0%	53,470	4.9%
Water Distribution & Wastewater Collection	3,638,216	3,638,216	3,658,811	-	0.0%	20,595	0.6%
Plant Operations	63,370	63,370	65,123	-	0.0%	1,753	2.8%
Plant Maintenance	817,113	817,113	849,252	-	0.0%	32,138	3.9%
Capital Planning & Delivery	616,089	616,089	690,290	-	0.0%	74,200	12.0%
Watershed Management	1,863,619	1,863,619	1,958,800	-	0.0%	95,181	5.1%
Wastewater Abatement Program	-	-	-	-	0.0%	-	0.0%
Alectra Utilities Service Contract	-	-	-	-	0.0%	-	0.0%
Low Income Seniors Utility Rebate	-	-	-	-	0.0%	-	0.0%
Sewer Lateral Management Program	-	-	-	-	0.0%	-	0.0%
Hamilton Harbour Remedial Action Plan	679,084	679,084	679,088	-	0.0%	3	0.0%
Residential Stormwater Subsidy Program	-	-	500,000	-	0.0%	500,000	0.0%
Protective Plumbing Program (3P)	750,016	750,016	750,018	-	0.0%	2	0.0%
Financial Charges	32	32	32	-	0.0%	-	0.0%
J. J	12,292,436	12,292,436	12,538,989	-	0.0%	246,553	2.0%
Capital and Reserve Recoveries	(1,140,369)	(1,140,369)	(1,244,907)	-	0.0%	(104,538)	9.2%
Sub-Total	11,152,067	11,152,067	11,294,082	-	0.0%	142,015	1.3%

CITY OF HAMILTON 2025 HAMILTON WASTEWATER AND STORM OPERATING BUDGET **STORM**

	2024 RESTATED	2024 PROJECTED	2025 REQUESTED	CHANG 2024 PROJECTE		CHANGE 2025 REQUES	
	BUDGET	ACTUAL	BUDGET	/ 2024 PROJECTE		2025 REQUES	
	\$	\$	\$	\$	%	\$	%
Capital and Reserve Impacts on Operating							
Contributions to Capital							
Stormwater	19,858,000	19,858,000	31,470,621	-	0.0%	11,612,621	58.5%
Sub-Total Contributions to Capital	19,858,000	19,858,000	31,470,621	-	0.0%	11,612,621	58.5%
Contributions for DC Exemptions Stormwater	7 5 40 050	7 5 40 050	0.000 500		0.00/	(000,400)	(0,00())
Stornwater Sub-Total Contributions for DC Exemptions	7,548,952 7,548,952	7,548,952 7,548,952	6,926,532 6,926,532	-	0.0% 0.0%	(622,420) (622,420)	(8.2%) (8.2%)
	1,010,002	.,	0,020,002			(0, 1)	(01270)
Capital Debt Charges Stormwater	4,171,929	4,171,929	4,655,119	_	0.0%	483,190	11.6%
DC Debt Charges Recoveries	(1,169,100)	(1,169,100)	(1,654,822)	-	0.0%	(485,722)	41.5%
Sub-Total Debt Charges	3,002,829	3,002,829	3,000,297	-	0.0%	(2,532)	(0.1%)
Sub-Total Capital Financing	30,409,781	30,409,781	41,397,450	-	0.0%	10,987,669	36.1%
Reserve Transfers	(40,651,848)	(40,651,848)	(52,691,533)	-	0.0%	(12,039,685)	29.6%
Sub-Total Cap\Reserve Impacts on Operating	(10,242,067)	(10,242,067)	(11,294,082)	-	0.0%	(1,052,015)	10.3%
TOTAL EXPENDITURES	910,000	910,000	-	-	0.0%	(910,000)	(100.0%)
REVENUES:							<u> </u>
Non-Rate Revenue							
Build Faster Fund	910,000	910,000	-	-	0.0%	(910,000)	(100.%)
Sub-Total Non-Rate Revenue	910,000	910,000	-	-	0.0%	(910,000)	(100.%)
TOTAL REVENUES	910,000	910,000	-	-	0.0%	(910,000)	(100.%)
NET EXPENDITURES	-	-	-	-	0.0%	-	0.0%

CITY OF HAMILTON 2025 - 2028 HAMILTON WASTEWATER AND STORM OPERATING BUDGET

STORM

	0004	0005	0000	0007	0000		-	01141105		01141105	
	2024	2025	2026	2027	2028	CHANGE	_	CHANGE		CHANGE	
	RESTATED	REQUESTED	PROJECTED	PROJECTED	PROJECTED	2025 REQUES	STED /	2026 PROJEC	TED /	2027 PROJEC	TED /
	BUDGET	BUDGET	BUDGET	BUDGET	BUDGET	2024 RESTATED	BUDGET	2025 REQUESTED	BUDGET	2026 PROJECTED	BUDGET
	\$	\$	\$	\$	\$	\$	%	\$	%	\$	%
OPERATING EXPENDITURES:											
Divisional Administration & Support	786,075	833,713	852,356	878,537	908,076	47,638	6.1%	18,643	2.2%	26,181	3.1%
Woodward Upgrades	67,697	71,476	73,532	75,650	77,831	3,779	5.6%	2,057	2.9%	2,118	2.9%
Customer Service & Community Outreach	1,912,898	1,330,692	1,394,594	1,439,034	1,532,180	(582,206)	(30.4%)	63,902	4.8%	44,441	3.2%
Compliance & Regulations	1,098,226	1,151,696	1,197,716	1,260,041	1,311,981	53,470	4.9%	46,019	4.0%	62,325	5.2%
Water Distribution & Wastewater Collection	3,638,216	3,658,811	3,751,496	3,866,376	3,985,624	20,595	0.6%	92,685	2.5%	114,881	3.1%
Plant Operations	63,370	65,123	66,934	68,982	71,164	1,753	2.8%	1,811	2.8%	2,048	3.1%
Plant Maintenance	817,113	849,252	884,099	913,513	936,420	32,138	3.9%	34,847	4.1%	29,414	3.3%
Capital Planning & Delivery	616,089	690,290	725,326	777,280	799,926	74,200	12.0%	35,037	5.1%	51,953	7.2%
Watershed Management	1,863,619	1,958,800	2,129,533	2,186,916	2,404,813	95,181	5.1%	170,733	8.7%	57,383	2.7%
Wastewater Abatement Program	-	-	-	-	-	-	0.0%	-	0.0%	-	0.0%
Alectra Utilities Service Contract	-	-	-	-	-	-	0.0%	-	0.0%	-	0.0%
Low Income Seniors Utility Rebate	-	-	-	-	-	-	0.0%	-	0.0%	-	0.0%
Sewer Lateral Management Program	-	-	-	-	-	-	0.0%	-	0.0%	-	0.0%
Hamilton Harbour Remedial Action Plan	679,084	679,088	690,103	701,372	712,901	3	0.0%	11,016	1.6%	11,269	1.6%
Residential Stormwater Subsidy Program	-	500,000	500,000	500,000	500,000	-	0.0%	-	0.0%	-	0.0%
Protective Plumbing Program (3P)	750,016	750,018	750,020	750,021	750,023	2	0.0%	2	0.0%	2	0.0%
Financial Charges	32	32	32	32	-	0	0.0%	-	0.0%	-	0.0%
C C	12,292,436	12,538,989	13,015,741	13,417,755	13,990,937	(253,447)	(2.1%)	476,752	3.8%	402,015	3.1%
Capital and Reserve Recoveries	(1,140,369)	(1,244,907)	(1,279,756)	(1,315,635)	(1,352,572)	(104,538)	9.2%	(34,850)	2.8%	(35,878)	2.8%
Sub-Total	11,152,067	11,294,082	11,735,984	12,102,121	12,638,365	(357,985)	(3.2%)	441,902	3.9%	366,136	3.1%
Capital and Reserve Impacts on Operating											
Contributions to Capital											
Stormwater	19,858,000	31,470,621	31,906,300	37,704,168	34,903,626	11,612,621	58.5%	435,679	1.4%	5,797,868	18.2%
Sub-Total Contributions to Capital	19,858,000	31,470,621	31,906,300	37,704,168	34,903,626	11,612,621	58.5%	435,679	1.4%	5,797,868	18.2%

CITY OF HAMILTON 2025 - 2028 HAMILTON WASTEWATER AND STORM OPERATING BUDGET

STORM

	2024 RESTATED	2025 REQUESTED	2026 PROJECTED	2027 PROJECTED	2028 PROJECTED	CHANGI 2025 REQUES		CHANGE 2026 PROJEC		CHANGE 2027 PROJEC	
	BUDGET	BUDGET	BUDGET	BUDGET	BUDGET	2024 RESTATED	BUDGET	2025 REQUESTED	BUDGET	2026 PROJECTED	BUDGET
	\$	\$	\$	\$	\$	\$	%	\$	%	\$	%
Contributions for DC Exemptions Stormwater	7 5 4 9 0 5 2	6,926,532	6,995,797	7 065 062	7,134,328	(622,420)	(8.2%)	60.265	1.0%	60.065	1.00/
Stornwater Sub-Total Contributions for DC Exemptions	7,548,952 7,548,952	6,926,532	6,995,797	7,065,062 7,065,062	7,134,328	(622,420)	(8.2%)	69,265 69,265	1.0% 1.0%	69,265 69,265	1.0% 1.0%
	7,040,002	0,520,002	0,000,101	7,000,002	7,104,020	(022,420)	(0.2 /0)	03,200	1.070	03,200	1.070
Debt Charges											
Stormwater	4,171,929	4,655,119	7,496,113	9,747,264	12,126,026	483,190	11.6%	2,840,993	61.0%	2,251,152	30.0%
DC Debt Charges Recoveries	(1,169,100)	(1,654,822)	(3,670,640)	(4,739,970)	(5,808,233)	(485,722)	41.5%	(2,015,818)	121.8%	(1,069,330)	29.1%
Sub-Total Debt Charges	3,002,829	3,000,297	3,825,473	5,007,295	6,317,793	(2,532)	(0.1%)	825,176	27.5%	1,181,822	30.9%
Sub-Total Capital Financing	30,409,781	41,397,450	42,727,570	49,776,525	48,355,746	10,987,669	36.1%	1,330,120	3.2%	7,048,955	16.5%
Reserve Transfers	(40,651,848)	(52,691,533)	(54,463,554)	(61,878,645)	(60,994,111)	(12,039,685)	29.6%	(1,772,022)	3.4%	(7,415,091)	13.6%
Sub-Total Capital and Reserve Impacts on Operating	(10,242,067)	(11,294,082)	(11,735,984)	(12,102,121)	(12,638,365)	(1,052,015)	10.3%	(441,902)	3.9%	(366,136)	3.1%
TOTAL EXPENDITURES	910,000	-	-	-	-	(910,000)	(100.0%)	-	0.0%	-	0.0%
REVENUES:											
<u>Non-Rate Revenue</u> Build Faster Fund	910,000	-	-	-	-	(910,000)	(100.0%)	-	0.0%	-	0.0%
Sub-Total Non-Rate Revenue	910,000	-	-	-	-	(910,000)	(100.0%)	-	0.0%	-	0.0%
TOTAL REVENUES	910,000	-	-	-	-	(910,000)	(100.0%)	-	0.0%	-	0.0%
NET EXPENDITURES	-	-	-	-	-	-	0.0%	-	0.0%	-	0.0%

CITY OF HAMILTON 2025-2034 HAMILTON WASTEWATER AND STORM OPERATING BUDGET **STORM**

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	2024 Restated	2025 Requested	2026 Forecast	2027 Forecast	2028 Forecast	2029 Forecast	2030 Forecast	2031 Forecast	2032 Forecast	2033 Forecast	2034 Forecast
	Restated	Requested	FUIECast	FUIECasi	FUIECasi	Forecast	FUIECaSI	FUIECasi	Forecasi	FUIECasi	FUIECasi
OPERATING EXPENDITURES]										
OPERATING COSTS	- 11,152	11,294	11,736	12,102	12,638	12,994	13,350	13,668	13,994	14,330	14,674
TOTAL OPERATING COSTS	11,152	11,294	11,736	12,102	12,638	12,994	13,350	13,668	13,994	14,330	14,674
CAPITAL & RESERVE IMPACTS ON OPI	ERATING										
Contributions to Capital											
Stormwater	19,858	31,471	31,906	37,704	34,904	39,214	37,876	49,082	69,396	78,176	90,711
Sub-total Contributions to Capital	19,858	31,471	31,906	37,704	34,904	39,214	37,876	49,082	69,396	78,176	90,711
Contributions for DC Exemptions											
Stormwater	7,549	6,927	6,996	7,065	7,134	7,204	7,273	7,342	7,411	7,481	7,552
Sub-total Contributions to Capital	7,549	6,927	6,996	7,065	7,134	0	7,273	7,342	-	7,481	-
Debt Charges											
Stormwater	4,172	4,655	7,496	9,747	12,126	13,762	14,395	14,764	14,483	14,218	12,976
DC Debt Charges Recoveries	(1,169)	(1,655)	(3,671)	(4,740)	(5,808)	(6,351)	(6,347)	(6,342)	(6,321)	(6,317)	(6,186)
Sub-total Debt Charges	3,003	3,000	3,825	5,007	6,318	7,411	8,048	8,422	8,162	7,901	6,790
	107.91%	99.92%	127.50%	130.89%	126.17%	117.30%	108.60%	104.65%	96.91%	96.80%	85.94%
Transfer to Reserves	(40,652)	(52,692)	(54,464)	(61,879)	(60,994)	(59,619)	(66,547)	(78,515)	(91,553)	(107,887)	(112,175)
Sub-Total Capital & Reserve Impacts											
on Operating	(10,242)	(11,294)	(11,736)	(12,102)	(12,638)	(12,994)	(13,350)	(13,668)	(13,994)	(14,330)	(14,674)
TOTAL EXPENDITURES	910	-	-	-	-	-	-	-	-	-	-
REVENUES]										
Non-Rate Revenue	910	-	-	-	-	-	-	-	-	-	-
TOTAL REVENUES	910	-	-	-	-	-	-	-	-	-	-
NET EXPENDITURES	-	-	-	-	-	-	-	-	-	-	-

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HAMILTON WATER 2025 RATE SUPPORTED STAFFING SUMMARY

Section	2024 RESTATED	2025 MAINTENANCE	2025 PROGRAM CHANGES	2025 REQUESTED	2025 REQUESTED vs. 2024 RESTATED
Divisional Administration & Support	12.00	12.00	0.00	12.00	0.00
Woodward Upgrades	17.00	17.00	0.00	17.00	0.00
Customer Service & Community Outreach	59.65	59.65	0.00	59.65	0.00
Compliance & Regulations	59.00	59.00	1.00	60.00	1.00
Water Distribution & Wastewater Collection	105.00	105.00	0.00	105.00	0.00
Plant Operations	57.00	57.00	1.00	58.00	1.00
Plant Maintenance	44.00	44.00	3.00	47.00	3.00
Capital Planning & Delivery	39.00	39.00	4.00	43.00	4.00
Watershed Management	8.00	8.00	0.00	8.00	0.00
Total RATE Supported Staff	400.65	400.65	9.00	409.65	9.00

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Rate Budget - Business Case Summary

DEPARTMENT: Public Works

			2025 IM	IPA	СТ		NUALIZED MPACT
DIVISION	SERVICE / PROGRAM	DESCRIPTION OF PROGRAM ENHANCEMENT	\$ GROSS	:	\$ NET	FTE Impact	\$ NET
Hamilton Water	Plant Operations	Senior Plant Process Engineer to provide regulatory and operational process support to engineering design teams and coordinating throughout construction for major water and wastewater plant upgrades. Note: Council Report - PW22078(a) Woodward WTP Phase	\$ 128,913	\$	128,913	1.00	\$ 174,099
Hamilton Water	Plant Maintenance and Technical Services	Maintenance Supervisor to provide technical and field support for mechanical, electrical, and instrumentation aspects of Water Treatment Plant Capital Projects, as well as support for the Woodward Wastewater Treatment Plant and Dundas Wastewater Treatment Plant projects. Note: Council Report - PW22078(a) Woodward WTP Phase	\$ 108,978	\$	108,978	1.00	\$ 146,989
Hamilton Water	Plant Maintenance and Technical Services	SCADA Project Manager to oversee and support automation and SCADA tasks throughout the design, construction, training, and commissioning phases of Water Treatment Plant Capital Projects, as well as the Woodward Wastewater Treatment Plant and Dundas Wastewater Treatment Plant. Note: Council Report - PW22078(a) Woodward WTP Phase	\$ 95,815	\$	95,815	1.00	\$ 129,563
Hamilton Water	Lab Services	Lab Technician I to provide full-time support in metals and organics analysis to handle the increased sample load and reduce reliance on students and overtime.	\$ 89,264	\$	89,264	1.00	\$ 120,890
Hamilton Water	Plant Maintenance and Technical Services	SCADA Cybersecurity Project Manager to focus on enhancing cybersecurity measures, performing risk assessments, and managing incident responses to protect critical infrastructure, following a recent cyber incident at the City of Hamilton.	\$ 95,710	\$	95,710	1.00	\$ 129,422
Hamilton Water	Capital Delivery	Asset Management Technologist will enhance Hamilton Water's vertical asset management program by advancing database content, refining reporting capabilities, supporting field inspections, and implementing new procedures to improve asset data quality, risk assessments, and capital planning.	\$ 84,642	\$	-	1.00	\$ -
Hamilton Water	Systems Planning	Project Manager to support the development and maintenance of real-time water, wastewater, and stormwater models to manage capacity, facilitate growth and intensification, improve regulatory compliance, and reduce reliance on external consultants.	\$ 96,475	\$	57,885	1.00	\$ 87,161
Hamilton Water	Systems Planning	Technologist to manage hydrometric and system-wide monitoring data to support real-time water, wastewater, and stormwater models, facilitating growth, intensification, and regulatory compliance while reducing reliance on external consultants.	\$ 75,708	\$	45,425	1.00	\$ 68,870
Hamilton Water	Systems Planning	Senior Project Manager to assist with the implementation of the LRT Project.	\$ 167,339	\$	-	1.00	\$ -
Division Subtotal			\$ 942,842	\$	621,989	9.00	\$ 856,993
DEPARTMENT TOT	AL		\$ 942,842	\$	621,989	9.00	\$ 856,993

CITY OF HAMILTON 2025 RATES OPERATING BUDGET BUSINESS CASE FORM #1

BUSINESS CASE OVERV	'IEW	
Request Title	Senior Plant Process Engineer	
Department/Division	Public Works - Hamilton Water	
Request Driver	Service Level Enhancement	
Funding Source	Rate Budget	
Proposed Start Date	1-Jan-25	
Ctuata gia Dian Drianitian	Economic Prosperity & Growth, Built Environment & Infrastructure, Our	
Strategic Plan Priorities	People & Performance	

FINANCIAL IMPACT 2025	OPERATING BUDGET	\$'000
DESCRIPTION	2025 AMOUNT	ANNUALIZED AMOUNT
Total Expenditures	\$174.1	\$174.1
Total Revenue	\$0.0	\$0.0
Net Levy	\$174.1	\$174.1
Full Time Equivalent (FTE)	1.00	1.00
	2025 Associated Capital Funding	Total Associated Capital Funding
Capital Budget Impact	\$0.0	\$0.0

BUSINESS CASE DETAILS

1. Reason for Request:

Council Report PW22078(a) (Woodward Water Treatment Plant Phase 2 Upgrades) identified the operational staffing needs required to deliver the large capital projects scheduled to occur over the next 10-15 years as noted below. The projects total more than \$1,000,000,000 in expenditures.

(c)That three permanent Full-Time Equivalents be included in the recommended 2025 Water, Wastewater and Stormwater Rate Budget to provide operational support for the Woodward Water Treatment Plant Phase 2 Upgrades and other large capital upgrades occurring at the City's two wastewater treatment facilities.

Currently operational input into the design of large capital projects at the Water and Wastewater Treatment Plants is provided by the Manager of Plant Operations and the Overall Responsible Operator (ORO) for the Water Treatment system and the ORO for the Wastewater Treatment systems. Given that the Water Treatment Plant Phase 2 project is planned to occur simultaneously with the Woodward Wastewater Treatment Plant Phase 2 Expansion project and the Dundas Wastewater Treatment Plant replacement project, the current structure for operational input will create significant project risks. The Senior Plant Process Engineer will provide regulatory and process operational requirements to the engineering design teams and provide coordination throughout the construction period for these projects.

2. Implications if Request not permitted:

Should this FTE request not be granted, operational and facility specific input into the design of the projects will not occur in a timely manner or with any attention to detail and will lead to project delays during design and potential errors or omissions. The result would be increased design and construction costs and an end product that doesn't meet the intended goals and is operationally complex, inefficient and difficult for frontline staff.

The other potential risk is a lack of operational oversight of the existing facilities and staff during the design phase which could lead to Labour Relation issues and/or compliance issues due to water quality.

3. Alternatives (if any):

An alternative model would be to maintain the status quo and manage the expectations of the Capital Delivery and Woodward Upgrades Team Delays in reviews and participation in meetings may occur.

4. Performance Measures:

Performance Measures would include participation in capital project meetings. Review of drawings and project documentation and operational support

COUNCIL PRIORITIES	
Priority	Sustainable Economic & Ecological Development
Outcome	Accelerate our response to climate change
IMASSIINA AT SUCCASS	Assessment of infrastructure projects against their impact on the City's climate resilience and readiness

CITY OF HAMILTON 2025 RATES OPERATING BUDGET BUSINESS CASE #2

BUSINESS CASE OVERW	/IEW		
Request Title	Maintenance Supervisor		
Department/Division	Public Works - Hamilton Water		
Request Driver	Service Level Enhancement		
Funding Source	Rate Budget		
Proposed Start Date	1-Jan-25		
Strategic Plan Priorities	Economic Prosperity & Growth, Built Environment & Infrastructure, Our		
	People & Performance		

FINANCIAL IMPACT 2025	OPERATING BUDGET	\$'000
DESCRIPTION	2025 AMOUNT	ANNUALIZED AMOUNT
Total Expenditures	\$146.9	\$146.9
Total Revenue	\$0.0	\$0.0
Net Levy	\$146.9	\$146.9
Full Time Equivalent (FTE)	1.00	1.00
	2025 Associated Capital Funding	Total Associated Capital Funding
Capital Budget Impact	\$0.0	\$0.0

BUSINESS CASE DETAILS

1. Reason for Request:

There is currently no dedicated maintenance support for assisting Water Treatment Plant Capital Projects. The Maintenance Supervisor will offer technical and field support in mechanical, electrical, instrumentation aspects throughout the project lifecycle. This role will serve as the primary representative of Plant Maintenance throughout the design, construction, training, commissioning, and warranty phases. This position will also support the Woodward Wastewater Treatment Plant Phase 2 Expansion project and the Dundas Wastewater Treatment Plant replacement project. This position was identified in the Woodward Water Treatment Plant Phase 2 Upgrades Report [PW22078(a)] to Public Works Committee.

2. Implications if Request not permitted:

If the request for an additional Maintenance Supervisor is not approved, several significant impacts will arise. Currently, the workload of the Maintenance Supervisors is already at full capacity. Without additional support, they will be unable to adequately manage the demands of the upcoming Capital Projects. Their time and resources will be stretched thin as they continue to provide essential field support to their teams, oversee major maintenance projects, and handle their daily administrative duties. This strain could lead to decreased efficiency and effectiveness in both routine operations and special projects. Consequently, there may be delays in project completion, increased risk of errors, and potential safety hazards due to insufficient oversight and support. The overall quality of maintenance services could suffer, impacting not only the teams but also the broader operational needs of the Plant.

3. Alternatives (if any):

An alternative model would be to maintain the status quo and manage the expectations of the Capital Delivery and Woodward Upgrades Team Delays in reviews and participation in meetings may occur. Major maintenance work that is overseen by the Supervisors can be scaled back and there would be less field support to frontline staff if Supervisors are required to provide support to the Capital Projects.

4. Performance Measures:

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Performance Measures would include participation in capital project meetings. Review of drawings and project documentation and coordination of maintenance staff to provide support.

COUNCIL PRIORITIES	
Priority	Responsiveness and Transparency
Outcome	Build a high performing public service
Measure of Success	Increased participation and performance through the Employee Engagement Index

CITY OF HAMILTON 2025 RATES OPERATING BUDGET

BUSINESS	CASE #3
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BUSINESS CASE OVERV	/IEW		
Request Title	Project Manager - SCADA		
Department/Division	Public Works - Hamilton Water		
Request Driver	Service Level Enhancement		
Funding Source	Rate Budget		
Proposed Start Date	1-Jan-25		
Strategic Plan Priorities	Economic Prosperity & Growth, Built Environment & Infrastructure, Our		
	People & Performance		

FINANCIAL IMPACT 2025	OPERATING BUDGET	\$'000
DESCRIPTION	2025 AMOUNT	ANNUALIZED AMOUNT
Total Expenditures	\$129.6	\$129.6
Total Revenue	\$0.0	\$0.0
Net Levy	\$129.6	\$129.6
Full Time Equivalent (FTE)	1.00	1.00
	2025 Associated Capital Funding	Total Associated Capital Funding
Capital Budget Impact	\$0.0	\$0.0

BUSINESS CASE DETAILS

1. Reason for Request:

There is currently no dedicated SCADA Project Manager for assisting Water Treatment Plant Capital Projects. The SCADA Project Manager will play a crucial role in overseeing and supporting automation and SCADA-related tasks throughout the lifecycle of the project, including design, construction, training, and commissioning phases. This position will also support the Woodward Wastewater Treatment Plant Phase 2 Expansion project and the Dundas Wastewater Treatment Plant replacement project.

2. Implications if Request not permitted:

If the request for an additional SCADA Project Manager is not approved, several significant impacts will arise. The current SCADA Project Manager is already operating at full capacity. Without additional support, they will be unable to adequately handle the upcoming Capital Projects while also fulfilling the core duties of their position. This may lead to delays that could disrupt the project schedule. Additionally, with only one SCADA Project Manager, any extended absence could severely impact project progress and continuity. The lack of redundancy poses a significant risk to the successful and timely completion of ongoing and future projects.

3. Alternatives (if any):

An alternative model would be to maintain the status quo and manage the expectations of the Capital Delivery and Woodward Upgrades Team Delays in reviews and participation in meetings may occur..

4. Performance Measures:

Performance Measures would include participation in capital project meetings. Review of drawings and project documentation and SCADA support

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COUNCIL PRIORITIES	
Priority	Responsiveness and Transparency
Outcome	Modernize City Systems
Measure of Success	Implementation of the City's Digital Strategy to enhance customer-centred service design

CITY OF HAMILTON 2025 RATES OPERATING BUDGET BUSINESS CASE FORM #4

BUSINESS CASE OVERVIEW			
Request Title	Lab Technician I		
Department/Division	Public Works - Hamilton Water		
Request Driver	Service Level Enhancement		
Funding Source	Water, Wastewater and Stormwater Rate Budget		
Proposed Start Date	1-Apr-25		
Strategic Plan Priorities	Health & Safe Communities		

FINANCIAL IMPACT 2025	OPERATING BUDGET	\$'000
DESCRIPTION	2025 AMOUNT	ANNUALIZED AMOUNT
Total Expenditures	\$89.3	\$120.9
Total Revenue	\$0.0	\$0.0
Net Levy	\$89.3	\$120.9
Full Time Equivalent (FTE)	1.00	1.00
	2025 Associated Capital Funding	Total Associated Capital Funding
Capital Budget Impact	\$0.0	\$0.0

BUSINESS CASE DETAILS

1. Reason for Request:

Since 2018, the City of Hamilton Environmental Laboratory's sample load has increased by 30% including a consistent increase in samples with a complex matrix requiring labour intensive analysis and additional investigation. A Lab Technician I is now required to be allocated to both the metals and the organics analysis on a full-time basis. This increase in samples has been resourced with a temporary (over complement) student and the use of overtime. Greater value can be achieved by adding the requested Lab Technician 1 position.

2. Implications if Request not permitted:

Temporary (over complement) student resource will need to be extended or made permanent and the reliance on overtime will continue.

3. Alternatives (if any):

Additional samples could be sent for analysis to contracted external laboratories, but this would increase costs significantly. Alternatively, the status quo could be maintained (use of student resources and overtime), but this is also more costly than adding the recommended position.

4. Performance Measures:

Elimination of a temporary (over complement) student position. Reduced overtime costs and increased bench strength within the Lab.

COUNCIL PRIORITIES	
Priority	Sustainable Economic & Ecological Development
Outcome	Protect green space and waterways

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Measure of Success	Acceleration of the City's Water Strategy and delisting of Hamilton Harbour as
weasure of Success	an International Joint Commission area of Concern

CITY OF HAMILTON 2025 RATES OPERATING BUDGET BUSINESS CASE FORM #5

BUSINESS CASE OVERVIEW			
Request Title	Project Manager - SCADA Cybersecurity		
Department/Division	Public Works - Hamilton Water		
Request Driver	Service Level Enhancement		
Funding Source	Water, Wastewater and Stormwater Rate Budget		
Proposed Start Date	1-Apr-25		
Strategic Plan Priorities	Economic Prosperity & Growth, Built Environment & Infrastructure, Our		
	People & Performance		

FINANCIAL IMPACT 2025	OPERATING BUDGET	\$'000
DESCRIPTION	2025 AMOUNT	ANNUALIZED AMOUNT
Total Expenditures	\$95.7	\$129.4
Total Revenue	\$0.0	\$0.0
Net Levy	\$95.7	\$129.4
Full Time Equivalent (FTE)	1.00	1.00
	2025 Associated Capital Funding	Total Associated Capital Funding
Capital Budget Impact	\$0.0	\$0.0

BUSINESS CASE DETAILS

1. Reason for Request:

The Hamilton Water Division is requesting approval for an additional Project Manager specializing in SCADA Cybersecurity. This resource has been identified as critical in light of the 2024 cyberattack on the City of Hamilton, which highlighted the vulnerability of industrial control systems to sophisticated cyber threats. This role is essential to protect the City's critical infrastructure from similar attacks, ensuring the security and integrity of water, wastewater and stormwater operations. A dedicated SCADA Cybersecurity Project Manager will focus on implementing advanced cybersecurity measures, performing comprehensive risk assessments, and managing incident responses to mitigate potential threats. This addition will increase the number of staff responsible for daily oversight of cybersecurity responsibilities to two, ensuring that systems are fortified against cyber risks. By investing in this specialized role, the City can enhance resilience, maintain regulatory compliance, and reassure the community of its commitment to delivering secure, reliable water, wastewater and stormwater services.

2. Implications if Request not permitted:

If the request to hire an additional Project Manager specializing in SCADA Cybersecurity is denied, Hamilton Water may face significant risks and operational vulnerabilities. Without this dedicated expertise, the current SCADA team could easily become overburdened, leading to potential gaps in cybersecurity coverage and slower response times to emerging threats. There would be increased risk for system breaches similar to the recent cyberattack on the City of Hamilton, potentially causing operational disruptions, financial losses, and reputational damage.

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3. Alternatives (if any):

Retain external consultants / contractors. Not a cost-effective solution and requires PM resources to manage the contracts anyway.

4. Performance Measures:

Performance measurements would include

Incident Response Time: Average time taken to detect, respond to, and mitigate cyber threats and security incidents.

Risk Assessment Frequency: Number and thoroughness of risk assessments conducted within specified timeframes.

Training and Awareness Programs: Frequency and effectiveness of cybersecurity training and awareness programs for staff.

Vulnerability Patch Management: Efficiency in identifying and applying security patches and updates to SCADA systems.

COUNCIL PRIORITIES

Priority	Responsiveness and Transparency	
Outcome	Modernize City Systems	
Measure of Success	Streamlined processes and accelerated approvals for City services	

CITY OF HAMILTON 2025 RATES OPERATING BUDGET BUSINESS CASE FORM #6

BUSINESS CASE OVERVIEW			
Request Title	Asset Management Technologist		
Department/Division	Public Works - Hamilton Water		
Request Driver	Service Level Enhancement		
Funding Source	Water, Wastewater and Stormwater Rate Budget		
Proposed Start Date	1-Apr-25		
Strategic Plan Priorities	Health & Safe Communities, Clean & Green, Built Environment & Infrastructure		

FINANCIAL IMPACT 2025 OPERATING BUDGET		\$'000	
DESCRIPTION	2025 AMOUNT	ANNUALIZED AMOUNT	
Total Expenditures	\$84.6	\$114.8	
Total Revenue	\$84.6	\$114.8	
Net Levy	\$0	\$0	
Full Time Equivalent (FTE)	1.00	1.00	
	2025 Associated Capital Funding	Total Associated Capital Funding	
Capital Budget Impact	\$84.6	\$114.8	

BUSINESS CASE DETAILS

1. Reason for Request:

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The Hamilton Water Division's objectives include improving its vertical asset management program. To support an improved and sustainable system an implementation schedule has been created which outlines required tasks. In 2024, the Water/Wastewater/Stormwater vertical asset management program will have improved structure in terms of operating procedure development, database development and the population of the data with historic asset information, which all align with the City's Corporate Asset Management plan. These actions are required to meet O.Reg.588/17.

What are the objectives of the request? - To perform the work to fill the gaps that were identified through the implementation plan. The implementation plan identified tasks that are currently not being completed but are required to support improvements to the program.

What are the expected outcomes of the request? - A new Technologist Infrastructure Management will further advance database content, refine reporting capabilities, support field inspections and assist in implementing new procedures. The Technologist will also assist with balancing the condition assessment program. This will improve the program and provide more valuable information that supports capital investment in assets.

What are the actions that will create these expected outcomes? - The new Technologist Infrastructure Management will assist in achieving the expected outcomes by supporting the data requirements of the assessment process, risk process, asset lifecycle analysis, valuation process for assets and tracking of recommendations from reports.

What is the challenge or opportunity that this request proposes to solve? - The quality of asset data that is currently utilized is at a low confidence level in many areas. Supporting the implementation schedule with an additional resource will improve the quality and confidence of this data.

What value will the City gain from this request? - The requested Technologist position will assist in improving and organizing the information that will increase confidence in forecasting and planning future capital projects. The result will assist in maximizing capital investments to better meet service level requirements and maintain acceptable risk level.

Does the request provide value for money (efficiency and effectiveness) to a program or service? - Improved ability to deliver the vertical asset management program with more confidence which will allow for better alignment of capital investments to the vertical infrastructure that carries the largest risk.

2. Implications if Request not permitted:

Not having this position will delay the implementation plan that was initiated in 2021 and is required to ensure a functional vertical asset management program into the future.

What impacts will this request have on the community or organization, in terms of service delivery, legal or policy requirements, daily operations or customer service? - This position will supporting the requirements outlined in O.Reg 588/17, and create more reliable assets to provide drinking water, wastewater and stormwater services to the public.

What will be the risk, impact or consequence if the request is not approved? - If the technologist position is not approved, the vertical asset management program will continue to be under-resourced, resulting in delays to the implementation plan. Certain aspects of this program will be not be supported. Not having this support results in more uncertainty and there will continue to be risk for capital investments to be directed to vertical infrastructure that does not carry the highest risk. As a result, other assets that carry a higher risk have the potential to fail unexpectedly and require a larger investment on an emergency basis.

3. Alternatives (if any):

Alternatives would include increased the need for outside consultant services to assist with database structure development and monitoring, along with condition assessment reporting assistance, site inspections, and data entry. This work will be continual and therefore there would be a high likelihood different consultant would need to rotate through this work to ensure compliance with purchasing policies. Using outside consultants will also delay the implementation of the asset management program. This creates repeated delays resulting from learning curves when consultants turn over, and a high internal demand on consultant supervision to ensure consistency. Additionally this would drive asset expertise and understanding outside Hamilton Water which is not a desirable outcome.

4. Performance Measures:

Performance Measures will be based on the following:

Is there baseline data available? If not, what about other municipal benchmarks? - The asset management program has documented baseline data and responsibilities for this position.

What target(s) in relation to a baseline demonstrate progress in achieving the expected outcome(s) of the request? - Established targets and outcomes include meeting the implementation Plan schedule established in 2021. The performance will be measured on the 5 year implementation timelines established. Additionally, the establishment of asset reports used to prioritize Capital Projects, reports on asset KPIs determined in concert with the Corporate Asset Management office, and asset management news letters will show progress against baseline.

How will the performance of this request be measured and evaluated? - The performance of the Technologist will be measured on gathering level 1 assessment data, using the EAM system to generate and update asset attribute data, integrating level 2 asset management data into EAM, and entering and managing risk data for vertical assets

COUNCIL PRIORITIES	
Priority	Sustainable Economic & Ecological Development
Outcome	Accelerate our response to climate change
Measure of Success	Assessment of infrastructure projects against their impact on the City's climate resilience and readiness

CITY OF HAMILTON 2025 RATES OPERATING BUDGET BUSINESS CASE FORM #7

BUSINESS CASE OVERVIEW			
Request Title	Project Manager - Modelling		
Department/Division	Public Works - Hamilton Water		
Request Driver	Service Level Enhancement		
Funding Source	Rate Budget		
Proposed Start Date	1-May-25		
Strategic Plan Priorities	Economic Prosperity & Growth, Health & Safe Communities, Clean & Green, Built Environment & Infrastructure, Our People & Performance		

FINANCIAL IMPACT 2025	OPERATING BUDGET	\$'000
DESCRIPTION	2025 AMOUNT	ANNUALIZED AMOUNT
Total Expenditures	\$96.5	\$145.3
Total Revenue	\$38.6	\$58.1
Net Levy	\$57.9	\$87.2
Full Time Equivalent (FTE)	1.00	1.00
	2025 Associated Capital Funding	Total Associated Capital Funding
Capital Budget Impact	\$38.6	\$58.1

BUSINESS CASE DETAILS

1. Reason for Request:

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The Hamilton Water Division is requesting one new permanent full-time Project Manager to contribute to the development of real time water, wastewater, and stormwater models for the City of Hamilton. This work is necessary to support growth and intensification across the City.

Capacity constraints within the municipal water distribution and wastewater collection systems are identified daily through the review of Development Applications that propose growth and intensification at a rate even greater than the City forecasted for the 2051 horizon year. As the rate of intensification increases, Hamilton Water is finding more and more developments competing for system capacity within the same water, wastewater, and stormwater system networks. There currently is no City Wide capacity allocation tracking, or development tracking as it relates to residual capacity within municipal systems. To further exacerbate capacity concerns, Provincial Bill 23 allows for some forms of developments to proceed without being subject to the Planning process, and without Hamilton Water visibility or oversight.

Presently, for every Application submitted where there is a known or potential constraint within the municipal water, wastewater and stormwater systems, a condition of zoning approval is placed requiring Proponents to demonstrate that there is adequate capacity within the systems to service the proposed growth. This is a reactive approach to identifying and prioritizing capital infrastructure needs to facilitate development, and results in the delay of planned infrastructure projects. Further, the added burden on Proponents to complete the hydraulic assessments has become an issue of contention as it causes delays in approvals, is time consuming for both the Proponent and City staff, and costly since they are required to account for all approved and in-progress developments within the area in question. The result is a greater number of Applications being moved to the Ontario Land Tribunal (OLT) for legal proceedings.

Hydraulic modelling is also the primary tool in the City's regulatory reporting process for combined sewer overflows. The Ministry of the Environment, Conservation, and Parks has vocalized concerns related to the reliability of the City's current hydraulic models. Through conditions of the Consolidate Linear Infrastructure Environmental Compliance Approval (CLI ECA), the City will be required to update our hydraulic model within four years, and enable near real time reporting of combined sewer overflows.

Hamilton Water is recommending continued investment in the City's hydraulic modeling office to support the SPM Modelling in the development and maintenance of real-time hydraulic models for water, wastewater, and stormwater. The Modelling Unit will be an integral piece of Development Application reviews for both Hamilton Water and Development Engineering, as they will be able to provide an immediate review and response on the availability of capacity within our municipal systems to service proposed development. This Unit will also work with the Master Plan Team to inform future Development Charge Background Studies, assist in the prioritization of sewer separation strategies to create wastewater system capacity and allow for intensification within those areas of the City. This Unit is expected to result in significant cost savings in consulting fees over the long term as all of Hamilton's current modelling is presently outsourced to consultants.

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2. Implications if Request not permitted:

This request is not only aligned with Hamilton Water's service level agreement with the Planning and Economic Development Department, but aligns with the Staff mandates, Council priorities, and Provincial directions. The implications of this request not being approved are at a minimum:

- The inability to meet the required service level so support capital project scope development due to prioritization of development enabling projects

 Increased backlog of water, wastewater and stormwater system planning projects which will delay project handovers to capital teams

Duplication of effort since there are multiple Applicants being asked to complete the same task, at times with conflicting results
 Increase in Consulting assignments/costs for Hamilton Water to retain consultants to undertake scoped hydraulic modelling

assignments on an Application by Application basis
- Rejection of development applications and inability to support approvals

- Increased number of OLT hearings for Staff

3. Alternatives (if any):

1. External resources (Consultant): Cost prohibitive; not practical as a PM is still required to manage the Consultant.

4. Performance Measures:

Hamilton Water presently maintains and tracks KPIs for Development Application reviews and responses. They will be updated accordingly with revised timelines, and success will be measured by those KPIs being consistently met.

A quantitative review and compiling of the water, wastewater and stormwater planning backlog will be undertaken, differentiating between growth & development related vs. capital improvement projects. Success will be measured by maintaining or increasing the % of approved capital budget spent, and # of Charters outstanding in both of these categories.

Compliance with the conditions of the CLI ECA.

COUNCIL PRIORITIES	
Priority	Sustainable Economic & Ecological Development
Outcome	Protect green space and waterways
IMAGEIIRA AT SUCCASE	Acceleration of the City's Water Strategy and delisting of Hamilton Harbour as an International Joint Commission area of Concern

CITY OF HAMILTON 2025 RATES OPERATING BUDGET BUSINESS CASE FORM #8

BUSINESS CASE OVERVIEW	
Request Title	Technologist, Modelling
Department/Division	Public Works - Hamilton Water
Request Driver	Service Level Enhancement
Funding Source	Water, Wastewater and Stormwater Rate Budget
Proposed Start Date	1-May-25
	Economic Prosperity & Growth, Health & Safe Communities,
Strategic Plan Priorities	Clean & Green, Built Environment & Infrastructure, Our People
	& Performance

FINANCIAL IMPACT 2025 OPERATII	NG BUDGET	\$'000
DESCRIPTION	2025 AMOUNT	ANNUALIZED AMOUNT
Total Expenditures	\$75.7	\$114.8
Total Revenue	\$30.3	\$45.9
Net Levy	\$45.4	\$68.9
Full Time Equivalent (FTE)	1.00	1.00
	2025 Associated Capital Funding	Total Associated Capital Funding
Capital Budget Impact	\$30.3	\$45.9

BUSINESS CASE DETAILS

1. Reason for Request:

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The Hamilton Water Division is requesting one new permanent full-time Technologist to contribute to the development of real time water, wastewater, and stormwater models for the City of Hamilton. This work is necessary to support growth and intensification across the City.

Capacity constraints within the municipal water distribution and wastewater collection systems are identified daily through the review of Development Applications that propose growth and intensification at a rate even greater than the City forecasted for the 2051 horizon year. As the rate of intensification increases, Hamilton Water is finding more and more developments competing for system capacity within the same water, wastewater, and stormwater system networks. There currently is no City Wide capacity allocation tracking, or development tracking as it relates to residual capacity within municipal systems. To further exacerbate capacity concerns, Provincial Bill 23 allows for some forms of developments to proceed without being subject to the Planning process, and without Hamilton Water visibility or oversight.

Presently, for every Application submitted where there is a known or potential constraint within the municipal water, wastewater and stormwater systems, a condition of zoning approval is placed requiring Proponents to demonstrate that there is adequate capacity within the systems to service the proposed growth. This is a reactive approach to identifying and prioritizing capital infrastructure needs to facilitate development, and results in the delay of planned infrastructure projects. Further, the added burden on Proponents to complete the hydraulic assessments has become an issue of contention as it causes delays in approvals, is time consuming for both the Proponent and City staff, and costly since they are required to account for all approved and in-progress developments within the area in question. The result is a greater number of Applications being moved to the Ontario Land Tribunal (OLT) for legal proceedings.

Hydraulic modelling is also the primary tool in the City's regulatory reporting process for combined sewer overflows. The Ministry of the Environment, Conservation, and Parks has vocalized concerns related to the reliability of the City's current hydraulic models. Through conditions of the Consolidate Linear Infrastructure Environmental Compliance Approval (CLI ECA), the City will be required to update our hydraulic model within four years, and enable near real time reporting of combined sewer overflows.

Hamilton Water is recommending continued investment in the City's hydraulic modeling office to support the SPM Modelling in the development and maintenance of real-time hydraulic models for water, wastewater, and stormwater. The Modelling Unit will be an integral piece of Development Application reviews for both Hamilton Water and Development Engineering, as they will be able to provide an immediate review and response on the availability of capacity within our municipal systems to service proposed development. This Unit will also work with the Master Plan Team to inform future Development Charge Background Studies, assist in the prioritization of sewer separation strategies to create wastewater system capacity and allow for intensification within those areas of the City. This Unit is expected to result in significant cost savings in consulting fees over the long term as all of Hamilton's current modelling is presently outsourced to consultants.

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2. Implications if Request not permitted:

This request is not only aligned with Hamilton Water's service level agreement with the Planning and Economic Development Department, but aligns with the Staff mandates, Council priorities, and Provincial directions. The implications of this request not being approved are at a minimum:

- The inability to meet the required service level so support capital project scope development due to prioritization of development enabling projects

- Increased backlog of water, wastewater and stormwater system planning projects which will delay project handovers to capital teams

Duplication of effort since there are multiple Applicants being asked to complete the same task, at times with conflicting results
 Increase in Consulting assignments/costs for Hamilton Water to retain consultants to undertake scoped hydraulic modelling assignments on an Application by Application basis

- Rejection of development applications and inability to support approvals

- Increased number of OLT hearings for Staff

3. Alternatives (if any):

1. External resources (Consultant): Cost prohibitive; not practical as a PM is still required to manage the Consultant.

4. Performance Measures:

Hamilton Water presently maintains and tracks KPIs for Development Application reviews and responses. They will be updated accordingly with revised timelines, and success will be measured by those KPIs being consistently met.

A quantitative review and compiling of the water, wastewater and stormwater planning backlog will be undertaken, differentiating between growth & development related vs. capital improvement projects. Success will be measured by maintaining or increasing the % of approved capital budget spent, and # of Charters outstanding in both of these categories.

Compliance with the conditions of the CLI ECA.

COUNCIL PRIORITIES

Priority	Sustainable Economic & Ecological Development
Outcome	Protect green space and waterways
IMARGING OF SUCCOSS	Acceleration of the City's Water Strategy and delisting of Hamilton Harbour as an International Joint Commission area of Concern

CITY OF HAMILTON 2025 WATER AND WASTEWATER/STORM FEES AND CHARGES Effective January 1, 2025

A) Daily Water & Wastewater/Storm Fixed Charges

The fixed daily charge is not related to the direct costs of consumption and are not dependent upon or related to the amount of consumption incurred. The fixed charges are intended to offset the fixed costs of maintaining the water, wastewater and storm systems.

		Wastewater/	Storm
Meter Size	Water Rate	Rate	
15 mm	\$ 0.53	\$	0.57
16 mm	\$ 0.53	\$	0.57
20 mm	\$ 0.53	\$	0.57
21 mm	\$ 0.53	\$	0.57
25 mm	\$ 1.33	\$	1.43
38 mm	\$ 2.65	\$	2.85
50 mm	\$ 4.24	\$	4.56
75 mm	\$ 8.48	\$	9.12
100 mm	\$ 13.25	\$	14.25
150 mm	\$ 26.50	\$	28.50
200 mm	\$ 42.40	\$	45.60
250 mm	\$ 60.95	\$	65.55
300 mm	\$ 90.10	\$	96.90

B) Metered Water Consumption Charges

Water consumption shall be charged on a per cubic metre basis at the rates indicated in the table below. The total monthly Water Consumption Charge is the sum of usage in all blocks at the rate for each block.

		Residential Meter Size <25mm	Residential Meter Size =>25mm and Commercial, Institutional & Industrial
Consumption	Monthly Water	Rate	Rate
Block	Consumption (m3)	(\$/m3)	(\$/m3)
1	0-10	1.17	2.34
2	>10	2.34	2.34

C) Wastewater/Storm Treatment Charges

Wastewater/Storm Treatment Charges are based on metered water consumption and the cost of wastewater collection and treatment, and stormwater management. Charges are on a per cubic metre basis at the rates indicated in the table below. The total monthly Wastewater/Storm Treatment Charge is the sum of usage in all blocks at the rate for each block.

		Residential Meter Size <25mm	Residential Meter Size =>25mm and Commercial, Institutional & Industrial
Treatment Block	Monthly Water	Rate	Rate
	Consumption (m3)	(\$/m3)	(\$/m3)
1	0-10	1.19	2.37
2	>10	2.37	2.37

D) Non-Metered Annual Water & Wastewater/Storm Rate
 Flat Rate Water Customers Annual Rate: \$854.10
 Flat Rate Wastewater/Storm Customers Annual Rate: \$865.05
 Combined Flat Rate Water & Wastewater/Storm Customers Annual Rate: \$1,719.15

City of Hamilton - 2025 Private Fire Line Rates

This service shall consist of permanent unmetered connections to the main for the purpose of supplying water to private fire protection systems such as automatic sprinkler systems, standpipes and private hydrants. This service shall also include reasonable quantities of water used for testing check valves and other backflow protection devices.

Unmetered Service

Size of Co	Мо	nthly Rate	
mm	inches		
25	1	\$	5.08
38	1.5	\$	11.67
50	2	\$	20.30
75	3	\$	45.68
100	4	\$	81.20
150	6	\$	182.70
200	8	\$	324.80
250	10	\$	324.80
300	12	\$	324.80

PUBLIC WORKS HAMILTON WATER

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For Billing Purposes Regular Hours: M - F: 7:00am - 4:30pm After Hours: M - F: 4:30pm - 7:00am, Weekends and Holidays

Dept.					2024	2025		2025		
By-Law			Ref #		including HST	Proposed	нѕт	including HST	% Fee	Basis for Fee
-	Dent ID	Account #		Service Offered	(if applicable)	Fee	(y/n)	(if applicable)	Change	Increase or Decrease
	Dept ID	Account #		Service Offered	(ii applicable)	1 66	(y/11)		Change	increase of Decrease
				WATER DISTRIBUTION						
23-235	510220	47220	1	Water Meter Permit Fee						
20-200	010220	47220	·	Note: Charged for first-time meter installations. Includes supply and installation of water						
				meter and remote reading device by the City/meter contractor and related inspection.						
				Approval by the Supervisor of Meter Operations is required for new installation of						
				alternative meter types not shown below.						
				16mm (5/8"x3/4") Displacement	\$359.70 \$404.60	\$359.70 \$404.60		\$359.70 \$404.60	0.0% 0.0%	Current fee achieves full cost recovery Current fee achieves full cost recovery
				20mm (3/4") Displacement 21mm (3/4"x1") Displacement	\$404.60 \$404.60	\$404.60 \$404.60		\$404.60	0.0%	Current fee achieves full cost recovery
				25mm (1") Displacement	\$559.40	\$559.40		\$559.40	0.0%	Current fee achieves full cost recovery
			1e)	38mm (1.5") Displacement	\$1,121.03	\$1,121.03		\$1,121.03	0.0%	Current fee achieves full cost recovery
			1f)	50mm (2") Ultrasonic	N/A	\$1,932.87	n	\$1,932.87	0.0%	New fee at full cost recovery
				75mm (3") Ultrasonic	N/A	\$4,517.29		\$4,517.29	0.0%	New fee at full cost recovery
			1h)	150mm (6") Ultrasonic 100mm (4") Ultrasonic	N/A N/A	\$8,329.65 \$5,167.16		\$8,329.65 \$5,167.16	0.0% 0.0%	New fee at full cost recovery New fee at full cost recovery
			1i) 1j)	200mm (8") Ultrasonic	N/A N/A	\$5,167.16		\$5,167.16 \$12.397.06	0.0%	New fee at full cost recovery
			1k)	250mm (10") Ultrasonic	N/A	\$15.388.23		\$15.388.23	0.0%	New fee at full cost recovery
				Radio Remote Read Equipment Installation	\$285.90	\$293.30		\$293.30	2.6%	To achieve full cost recovery
			10)	Radio Remote Read Equipment Installation in Chamber	\$1,145.70	\$1,145.70	n	\$1,145.70	0.0%	Current fee achieves full cost recovery
23-235	510220	45519	2	Water Meter Removal Fee						
				Note: Cost to remove a meter prior to the building being demoissned and/or the water service being decommissioned or abandoned. Failure to have the meter removed prior to						
				the building being demolished will incur a meter replacement cost charge. Does not include						
				a turn water off fee, which is required and charged separately as per Section 14 of this						
			2a)	16mm (5/8"x3/4") Displacement	\$143.21	\$132.25	v	\$149.44	4.3%	To achieve full cost recovery
				20mm (3/4") Displacement	\$143.21	\$132.25		\$149.44	4.3%	To achieve full cost recovery
			2c)	21mm (3/4"x1") Displacement	\$143.21	\$132.25	У	\$149.44	4.3%	To achieve full cost recovery
			2d)	25mm (1") Displacement	\$143.21	\$132.25	У	\$149.44	4.3%	To achieve full cost recovery
			2e)	38mm (1.5") - 250mm (10") Meters (cost depends on size, labour, and meter location)	Cost + 10% OH	Cost + 10% OH	У	Cost + 10% OH	N/A	To achieve full cost recovery
23-235	510220	45519	3	Water Meter Inspection Services						
				Note: Cost for customer requested service relating to meter investigation						
				Regular Hours Inspection	\$151.82	\$134.35		\$151.82	0.0%	Current fee achieves full cost recovery
			3b)	After Hours Inspection	\$196.95	\$178.19		\$201.35	2.2%	To achieve full cost recovery
			3c)	Same Day Inspection	\$339.14	\$306.54	У	\$346.39	2.1%	To achieve full cost recovery

Costs not specifically addressed in the schedule will be invoiced at Actual Cost plus overhead

For general inquiries, please call (905) 546-4426 between 8:30am - 4:30pm

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For Billing Purposes Regular Hours: M - F: 7:00am - 4:30pm After Hours: M - F: 4:30pm - 7:00am, Weekends and Holidays

PUBLIC WORKS HAMILTON WATER

Dept.					2024	2025		2025		
By-Law			Ref #		including HST	Proposed	HST	including HST	% Fee	Basis for Fee
#	Dept ID	Account #		Service Offered	(if applicable)	Fee	(y/n)	(if applicable)	Change	Increase or Decrease
23-235	510220	45608	4a) 4b) 4c) 4d) 4e)	Replacement Cost for Lost Meter Note: Cost to replace a meter that has been lost, stolen or damaged. Includes meter, installation and administrative costs. 15mm (5/8") Displacement 16mm (5/8"x3/4") Displacement 20mm (3/4") Displacement 21mm (3/4"x1") Displacement 25mm (1") Displacement 38mm (1.5") - 250mm (10") Meters (cost depends on size, labour, and meter location)	\$321.43 \$321.43 \$386.73 \$386.73 \$460.75 Cost + 10% OH	\$342.24 \$342.24 \$423.38	y y y y	\$321.43 \$321.43 \$386.73 \$386.73 \$478.42 Cost + 10% OH	0.0%	Current fee achieves full cost recovery Current fee achieves full cost recovery Current fee achieves full cost recovery Current fee achieves full cost recovery To achieve full cost recovery To achieve full cost recovery
23-235	510220	45690	5a) 5b) 5c) 5d) 5e) 5f)	Bench Testing Water Meters Note: Cost to have a water meter tested for accuracy. If the meter tests within the accuracy standards as set out by AWWA then the property owner is responsible for the cost of the test and the replacement cost of the water meter; otherwise cost borne by the City. Fee includes removal of existing meter and installation of replacement meter. 15 mm & 16 mm Diameter 16-25mm Diameter - Test where meter has been removed from service within prior 90 days 20 mm Diameter 25 mm Diameter 38 mm Diameter 50 mm Diameter 100 mm plus diameter (In Situ testing)	\$555.08 \$250.97 \$631.51 \$748.14 \$1,536.17 \$1,783.29 \$1,405.33	\$1,416.89 \$1,632.50	y y y y y	\$573.30 \$260.92 \$653.87 \$777.51 \$1,601.08 \$1,844.72 \$1,405.33	3.5% 3.9%	To achieve full cost recovery To achieve full cost recovery Current fee achieves full cost recovery

Costs not specifically addressed in the schedule will be invoiced at Actual Cost plus overhead

For general inquiries, please call (905) 546-4426 between 8:30am - 4:30pm

PUBLIC WORKS HAMILTON WATER Page 98 of 256 Appendix "G" to Report FCS24055

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For Billing Purposes Regular Hours: M - F: 7:00am - 4:30pm After Hours: M - F: 4:30pm - 7:00am, Weekends and Holidays

Dept.					2024	2025		2025		
By-Law			Ref #		including HST	Proposed	нѕт	including HST	% Fee	Basis for Fee
#	Dept ID	Account #		Service Offered	(if applicable)	Fee	(y/n)	(if applicable)	Change	Increase or Decrease
10-103	510220	45644	6a) 6b) 6c) 6d)	Backflow Prevention Program Note: Costs for contractor registration fee, administration fees for processing backflow prevention test reports and survey forms. Annual Program Registration Fee Test Report receipt and processing (per submission of each test report) Cross Connection Survey Form processing (per form upon submission) Backflow Prevention Device Investigation - Regular Hours Backflow Prevention Device Investigation - After Hours	\$177.96 \$73.03 \$210.44 \$177.28 \$242.22	\$165.24 \$65.24 \$195.90 \$164.43 \$225.74	y y	\$186.72 \$73.72 \$221.36 \$185.81 \$255.09	4.9% 0.9% 5.2% 4.8% 5.3%	To achieve full cost recovery To achieve full cost recovery To achieve full cost recovery To achieve full cost recovery To achieve full cost recovery
23-235	514330	45590	7a) 7b) 7c) 8	Construction Water Note: Charge for unmetered water used for construction prior to meter installation. Paid at the time of submitting building permit payment. Single Residential (per lot or townhouse) Multi-residential (per apartment/condo unit) Industrial/Commercial/Institutional (\$/1,000 sqft of building area or \$/ha where no structure is constructed) Hydrant\Road Adaptor Fees Note: Costs to install or remove water meter & backflow prevention device. When moving a hydrant\road adaptor from one site to another for the same customer, both removal &	\$129.84 \$60.87 \$42.66	\$142.69 \$66.90 \$46.88	n	\$142.69 \$66.90 \$46.88	9.9% 9.9% 9.9%	Equal to variable water rate increase Equal to variable water rate increase Equal to variable water rate increase
23-235 23-235 R84-026 R84-026 R84-026 R84-026 23-235 23-235	514330 514330	41208 41209 41209 41209 41209 41209 41209 41209 41209 41209 41209	8b) 8c) 8d) 8e) 8f) 8g) 8h) 8i)	Installation fees apply. This service requires a usage deposit and a damage deposit. Usage Cost (Metered Hauled Water Rate/m ³) Hydrant\Road Adaptor Connection/Disconnection Fee (Regular Hours-Fee for Both Services Hydrant\Road Adaptor Connection/Disconnection Fee (After Hours/Emergency-Fee for Both Non-Refundable Usage Deposit Security/Damage Deposit Hydrant\road adaptor rental fee for initial 7 days Per Diem hydrant\road adaptor rental fee after initial 7 days Hydrant Adaptor Backflow Prevention Device Testing (Regular Hours) Hydrant Adaptor Backflow Prevention Device Testing (After Hours / Emergency) Private Water Station Agreement Fees Annual Renewal	\$3.20 \$187.77 \$363.85 \$370.08 \$6,000.00 \$89.57 \$6.27 \$113.41 \$195.26 \$422.82	\$370.08 \$6,000.00 \$90.01	n n n n n	\$3.52 \$220.84 \$428.91 \$370.08 \$6,000.00 \$90.01 \$6.30 \$132.80 \$229.31 \$437.00	10.0% 4.1% 4.3% 0.0% 0.5% 0.5% 3.6% 3.9% 3.4%	Rate is 1.5x volumetric water rate To achieve full cost recovery To achieve full cost recovery Current fee achieves full cost recovery Current fee achieves full cost recovery To achieve full cost recovery To achieve full cost recovery To achieve full cost recovery To achieve full cost recovery
R84-026	514330	47232	10a) 10b)	Water Haulage Fees Annual Water Haulage Permit Fee Note: Annual license fee to utilize the City's public filling stations. Account review Note: Costs charged for administrative services to provide customer account information for personal or taxation purposes.	\$73.86 \$113.51	\$65.36 \$101.42	·	\$73.86 \$114.61	0.0% 1.0%	Current fee achieves full cost recovery To achieve full cost recovery
R84-026	510220	45519	11a) 11b) 11c) 11d) 11e) 11f) 11g) 11h) 11i) 11i) 11j)	General Administration Fees General Administrative Requests (per hour)/Report Requests Permit Cancellation administrative fee Permit Renewal Fee Lead Line Replacement Loan Application Fee Monthly AMI Manual Meter Read Fee Water Shut-off Admin Fee Water Shut-off Admin Fee Water Shut-off Notice on Door AMI Consumption History Fee NSF Fee - Processing fee on all 'returned' payments Coupling Fee (includes cost for one 3/4" 90 meter coupling and one 3/4" straight meter coupling) Lost Water Meter Spacer Fee Water Meter Missed Appointment Fee	\$79.10 \$46.67 \$49.57 \$68.22 \$3.54 \$25.54 \$36.07 \$16.48 \$44.95 \$45.95 \$12.48 \$111.57	\$70.00 \$41.30 \$43.98 \$60.88 \$3.13 \$22.60 \$31.92 \$14.93 \$36.42 \$40.66 \$11.31 \$98.73	У У У У У У У У У	\$79.10 \$46.67 \$49.69 \$3.54 \$25.54 \$36.07 \$16.87 \$41.15 \$45.94 \$12.78 \$111.57	0.0% 0.2% 0.8% 0.0% 0.0% 2.4% -8.5% 0.0% 2.4% 0.0%	Current fee achieves full cost recovery Current fee achieves full cost recovery To achieve full cost recovery Current fee achieves full cost recovery Current fee achieves full cost recovery Current fee achieves full cost recovery To achieve full cost recovery To achieve full cost recovery Current fee achieves full cost recovery To achieve full cost recovery Current fee achieves full cost recovery Current fee achieves full cost recovery Current fee achieves full cost recovery To achieve full cost recovery

Costs not specifically addressed in the schedule will be invoiced at Actual Cost plus overhead **For general inquiries, please call (905) 546-4426 between 8:30am - 4:30pm**

PUBLIC WORKS HAMILTON WATER

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For Billing Purposes Regular Hours: M - F: 7:00am - 4:30pm After Hours: M - F: 4:30pm - 7:00am, Weekends and Holidays

Dept.					2024	2025		2025		
By-Law			Ref #		including HST	Proposed	HST	including HST	% Fee	Basis for Fee
#	Dept ID	Account #		Service Offered	(if applicable)	Fee	(y/n)	(if applicable)	Change	Increase or Decrease
23-235			12	Water Inspection Services Note: Costs associated with various permit and inspection services related to water services for properties.						
	514330	47235	12a)	Private Water Service Repair/Replacement Inspection (Reg Hours - Max 1 Hour Total Labour)	\$120.44	\$109.08	У	\$123.26	2.3%	To achieve full cost recovery
	514330	47235	12b)	Private Water Service Repair/Replacement Inspection (After Hours /Emerg - Max 1 Hour Labour)	\$207.42	\$187.72	- 1	\$212.12	2.3%	To achieve full cost recovery
	514330 514330	45690 45690	, i	Water Service Abandonment Inspection (Regular Hours - Max 1 Hour Total Labour) Water Service Abandonment Inspection (After Hours / Emergency - Max 1 Hour Total	\$107.38	\$96.98	-	\$109.59 \$198.45	2.1% 2.1%	To achieve full cost recovery
	514330	45690	12d) 12e)	Labour) Water Service Inspection for Demolition (Regular Hours - Max 1 Hour Total Labour)	\$194.37 \$117.40	\$175.62 \$107.72	-	\$198.45	3.7%	To achieve full cost recovery To achieve full cost recovery
	514330	45690	12f)	Water Service Inspection for Demolition (After Hours / Emergency - Max 1 Hour Total	\$216.89	\$199.79	-	\$225.76	4.1%	To achieve full cost recovery
	514330	45690		Labour) Missed or Cancelled Inspection	\$76.90	\$69.44	-	\$78.47	2.0%	To achieve full cost recovery
00.005					\$70.50	\$03.44	y	\$70.47	2.0 %	
23-235	514330	45679		Turning Water Off or On Note: Turning water off at the curb to enable a property owner to complete internal plumbing repairs, or a private water service repair or replacement, and then turning the water back on. Turning Water On/Off (Regular Hours)	\$143.08	\$146.41	n	\$165.44	2.3%	To achieve full cost recovery
			13b)	Turning Water On/Off (After Hours/Emergency)	\$243.07	\$248.63	n	\$280.95	2.3%	To achieve full cost recovery
			· ·	Turning Water On/Off During the Same Visit (Regular Hours - Max 1/2 Hour Total Labour) Turning Water On/Off During the Same Visit (After Hours/Emerg - Max 1/2 Hour Total	\$95.03	\$96.98		\$109.59	2.1%	To achieve full cost recovery
			13d)	Labour)	\$131.53 \$95.91	\$134.31 \$96.98	n	\$151.77 \$96.98	2.1%	To achieve full cost recovery
				Non-compliance Turn Water On			n		1.1%	To achieve full cost recovery
23-235	514330	45636	14	Hydrant Flow Test / Water Quality Flushing Note: Cost to operate a City Fire Hydrant(s) for a maximum of 1 hour total labour.	\$137.87	\$124.51	У	\$140.70	2.0%	To achieve full cost recovery
23-235	514330	45690	15a)	Water Quality/Quantity Service Calls Note: Cost for a service call to investigate a water quality/quantity complaint and the issue resides on private property. No charge for water quality/quantity complaints related to issues originating from the City's distribution system. <u>Missed appointments will be billed the</u> corresponding service call rate. Service Call (Regular Hours - Max 1 Hour Total Labour) Service Call (After Hours - Max 1 Hour Total Labour)	\$107.38 \$194.37	\$96.98 \$175.62		\$109.59 \$198.45	2.1% 2.1%	To achieve full cost recovery To achieve full cost recovery
23-235	510290	45690	16	Hydrant Repair, Replace or Relocate Note: Cost to repair, replace, or relocate a City Fire Hydrant including labour, parts, materials, equipment, and permanent restoration.	Cost + 33% OH	Cost + 33% OH	У	Cost + 33% OH	N/A	To achieve full cost recovery
23-235	514330	45690	17a)	Watermain Shutdowns Note: Costs associated with isolating a watermain to facilitate third party work. Watermain Shutdown / Recharge (Regular Hours-Maximum 1 Hour Total Labour) Watermain Shutdown / Recharge (After Hours / Emergency-Maximum 1 Hour Total Labour)	\$149.00 \$271.99	\$152.05 \$277.83		\$171.82 \$313.95	2.0% 2.1%	To achieve full cost recovery To achieve full cost recovery
R84-026	510350	45408	18	Environmental Records Search PRISM Reports related to soil contamination Reports - Environmental Assessments and Master Plans - plus fee per page	\$193.14 \$18.98 \$0.12	\$170.92 \$16.80 \$0.10	y y y	\$193.14 \$18.98 \$0.12	0.0% 0.0% 0.0%	Current fee achieves full cost recovery Current fee achieves full cost recovery Current fee achieves full cost recovery
23-235	514330	45690	19	Miscellaneous Water Distribution System Repair	Cost + 33% OH	Cost + 33% OH	У	Cost + 33% OH	N/A	To achieve full cost recovery
				Note: Cost for the City to repair damage to the water distribution system caused by a third party. Costs include labour, parts, materials, equipment, and permanent restoration.						
23-235	514330	45690	20	Additional Labour Charges						
				Note: Additional labour charge for all services/calls that exceed the allotted labour time. Costs are for a single Water Distribution Operator in minimum increments of 30 minutes.						
				1/2 Hour Additional Labour (Regular Hours)-Water Distribution Operator 1/2 Hour Additional Labour (After Hours)-Water Distribution Operator	\$41.79 \$57.03		y y	\$42.42 \$57.98	1.5% 1.7%	To achieve full cost recovery To achieve full cost recovery
23-235			21	Inspection of ICI and Multi-Residential Private Water asset infrastructure repair/replacements.						
				Note: Costs associated with the inspection of ICI and Multi-Residential private water asset infrastructure repair/replacements.						

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For Billing Purposes Regular Hours: M - F: 7:00am - 4:30pm

PUBLIC WORKS HAMILTON WATER

HAMIL	After Hours: M - F: 4:30pm - 7:00am, Weekends and Holidays													
	514330	47230		Private Water Service Repair/Replacement Inspection (Reg Hours - Min. 1 Hour Total Labour) - Contract Inspector	\$119.76	\$113.32	у	\$128.05	6.9%	To achieve full cost recovery				
	514330	47230		Private Water Service Repair/Replacement Inspection (After Hours /Emerg - Min. 2 Hour Labour) - Contract Inspector	\$258.28	\$235.97	у	\$266.65	3.2%	To achieve full cost recovery				
	514330	45690	21c)	Private Water Service Repair/Replacement Inspection (Missed Calls) - Contract Inspector	\$85.13	\$80.41	у	\$90.86	6.7%	To achieve full cost recovery				
	Costs not specifically addressed in the schedule will be invoiced at Actual Cost plus overhead													

For general inquiries, please call (905) 546-4426 between 8:30am - 4:30pm

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PUBLIC WORKS HAMILTON WATER

For Billing Purposes

Regular Hours: M - F: 7:00am - 4:30pm After Hours: M - F: 4:30pm - 7:00am, Weekends and Holidays

Dept. By-Law # Dept ID 06-026 516175 516175 516175	Account # 47230 47230	1 1a)	Service Offered COLLECTION SYSTEM INSPECTION & MAINTENANCE Wastewater Inspection Services Note: Costs associated with various permit and inspection services related to sewer laterals for properties. Private Sewer Lateral Repair/Replacement Inspection (Regular Hours - Maximum 1 Hour Total Labour)	including HST (if applicable)	Proposed Fee	HST (y/n)	including HST (if applicable)	% Fee Change	Basis for Fee Increase or Decrease
# Dept ID 06-026 516175 516175 516175	47230 47230	1 1a)	COLLECTION SYSTEM INSPECTION & MAINTENANCE Wastewater Inspection Services Note: Costs associated with various permit and inspection services related to sewer laterals for properties. Private Sewer Lateral Repair/Replacement Inspection (Regular Hours - Maximum 1 Hour	-	•	-	° °		
06-026 516175 516175	47230 47230	1 1a)	COLLECTION SYSTEM INSPECTION & MAINTENANCE Wastewater Inspection Services Note: Costs associated with various permit and inspection services related to sewer laterals for properties. Private Sewer Lateral Repair/Replacement Inspection (Regular Hours - Maximum 1 Hour			<u>,</u> ,,,,	(e nunge	
516175 516175	47230	1a)	Note: Costs associated with various permit and inspection services related to sewer laterals for properties. Private Sewer Lateral Repair/Replacement Inspection (Regular Hours - Maximum 1 Hour						
516175	47230	1a)							
				\$122.06	\$113.32	у	\$128.05	4.9%	To achieve full cost recovery
516175		1D)	Private Sewer Lateral Repair/Replacement Inspection (After Hours / Emergency - Maximum 1 Hour Total Labour)	\$264.06	\$244.95	у	\$276.79	4.8%	To achieve full cost recovery
	45690		Missed or Cancelled Inspection	\$86.56	\$80.41	У	\$90.86	5.0%	To achieve full cost recovery
516175	45690	, í	Mainline Sewer Inspection Note: CCTV inspection of mainline sewers (storm, sanitary or combined). Cost based on linear meter inspection.	Cost + 33% OH	Cost + 33% OH	У	Cost + 33% OH	N/A	To achieve full cost recovery
06-026 516175	45690	2a)	Sewer Related Service Calls Note: Cost for a service call to investigate a sewer related complaint and the issue resides on private property. No charge for sewer complaints related to issues originating from the City's sewer system. Missed appointments will be billed the corresponding service call Service Call (Regular Hours - Maximum 1 Hour Total Labour) Service Call (After Hours - Maximum 1 Hour Total Labour)	\$109.07 \$225.07	\$100.52 \$206.57	у У	\$113.59 \$233.42	4.1% 3.7%	To achieve full cost recovery To achieve full cost recovery
06-026 516175	45690	3a) 3b) 3c) 3d)	Sewer Lateral Cleaning and Investigation Fees Note: When a property owner qualifies for the Sewer Lateral Management Program and chooses to hire their own Plumbing Contractor, these prices represent the maximum amounts that will be reimbursed to the property owner for the sewer lateral cleaning and investigation services performed by the independent Plumbing Contractor Complete Sewer Lateral Investigation - Regular Hours Complete Sewer Lateral Investigation - After Hours Partial Sewer Lateral Cleaning - Regular Hours Partial Sewer Lateral Cleaning - After Hours Abandoned Sewer Lateral Investigation - Regular Hours	\$477.20 \$590.71 \$265.27 \$368.83 \$417.82	\$429.17 \$533.21 \$257.50 \$332.93 \$377.15	y y y	\$484.96 \$602.52 \$290.97 \$376.21 \$426.17	1.6% 2.0% 2.0% 2.0% 2.0%	To achieve full cost recovery To achieve full cost recovery To achieve full cost recovery To achieve full cost recovery To achieve full cost recovery
			Abandoned Sewer Lateral Investigation - After Hours	\$417.82	\$377.15		\$426.17	2.0%	To achieve full cost recovery
06-026 516175	45690		Miscellaneous Wastewater Collection System Repair Note: Cost for the City to repair damage to the wastewater collection system caused by a third party. Costs include labour, parts, materials, equipment, and permanent restoration.	Cost + 33% OH	Cost + 33% OH	у	Cost + 33% OH	N/A	To achieve full cost recovery
06-026 516175	45690		Additional Labour Charges Note: Additional labour charge for all services/calls that exceed the allotted labour time. Costs are for a single Wastewater Collection Operator or Contract Inspector in minimum increments of 30 minutes. 1/2 Hour Additional Labour (Regular Hours) - Wastewater Collection	\$39.60	\$36.51	y	\$41.26	4.2%	To achieve full cost recovery
			1/2 Hour Additional Labour (After Hours) - Wastewater Collection	\$53.74	\$49.77		\$56.24	4.6%	To achieve full cost recovery

Costs not specifically addressed in the schedule will be invoiced at Actual Cost plus overhead

For general inquiries, please call (905) 546-4426 between 8:30am - 4:30pm

PUBLIC WORKS HAMILTON WATER

				2024	2025		2025		
		Ref #		including HST	Proposed	нѕт	including HST	% Fee	Basis for Fee
Dept ID	Account #		Service Offered	(if applicable)	Fee	(y/n)	(if applicable)	Change	Increase or Decrease
			LABORATORY SERVICES			1/			
510250	45519		Inorganic Tests:						
010200	40010	1	Solids						
		1a)	Total Suspended Solids (TSS)	\$29.04	\$27.00	у	\$30.51	5.1%	To achieve full cost recovery
		1b)	TSS plus Volatile Suspended Solids (VSS)	\$29.61	\$27.60	y	\$31.19	5.3%	To achieve full cost recovery
		1c)	Total Solids (TS)	\$27.57	\$25.80	y	\$29.15	5.7%	To achieve full cost recovery
		1d)	TS plus Volatile Solids (VS)	\$28.14	\$26.30	y	\$29.72	5.6%	To achieve full cost recovery
		1e)	Total Dissolved Solids	\$40.34	\$38.70	y	\$43.73	8.4%	To achieve full cost recovery
		2	Skalar			,	,		,
		2a)	Total Cyanide	\$47.46	\$43.20	у	\$48.82	2.9%	To achieve full cost recovery
		2b)	Phenolics	\$44.64	\$42.60	ý	\$48.14	7.8%	To achieve full cost recovery
		2c)	Total Kjeldhal Nitrogen (TKN)	\$41.02	\$38.10	ý	\$43.05	5.0%	To achieve full cost recovery
		2d)	Ammonia	\$39.10	\$35.80	ý	\$40.45	3.5%	To achieve full cost recovery
		2e)	Dissolved Organic Carbon	\$47.91	\$43.70	ý	\$49.38	3.1%	To achieve full cost recovery
		2f)	Total Organic Carbon	\$46.67	\$42.50	ý	\$48.03	2.9%	To achieve full cost recovery
			Reactive Silica	\$38.76	\$36.30	ý	\$41.02	5.8%	To achieve full cost recovery
			O Phosphate	N/A	\$35.20	ý	\$39.78	0.0%	New fee at full cost recovery
		2i)	Dissolved O Phosphate	N/A	\$36.20	y	\$40.91	0.0%	New fee at full cost recovery
510250	45519	3	Ion Chromatography (IC Scan)	\$56.95	\$50.40	у	\$56.95	0.0%	Current fee achieves full cost recover
510250	45519	4	PC Titrate						
		4a)	Н	\$21.92	\$21.10	у	\$23.84	8.8%	To achieve full cost recovery
		· ·	Alkalinity	\$22.49	\$21.60	ý	\$24.41	8.5%	To achieve full cost recovery
		4c)	Conductivity	\$21.70	\$21.00	ý	\$23.73	9.4%	To achieve full cost recovery
		4d)	Fluoride	\$30.74	\$29.30	y	\$33.11	7.7%	To achieve full cost recovery
		5	Turbidity	\$34.58	\$32.80	у	\$37.06	7.2%	To achieve full cost recovery
		6	UV Transmittance	\$31.75	\$29.70	ý	\$33.56	5.7%	To achieve full cost recovery
		7	Color Apparent	\$28.70	\$26.90	ý	\$30.40	5.9%	To achieve full cost recovery
		8	Color True	\$30.51	\$28.50	ý	\$32.21	5.6%	To achieve full cost recovery
		9	Chemical Oxygen Demand (COD)	\$44.97	\$41.00	ý	\$46.33	3.0%	To achieve full cost recovery
		10	Biochemical Oxygen Demand (BOD)	\$43.28	\$40.40	y	\$45.65	5.5%	To achieve full cost recovery
			Microbiology Tests:						
510250	45519	11	Total Coliform/E coli - Presence/Absence	\$34.80	\$32.20	У	\$36.39	4.5%	To achieve full cost recovery
510250	45519	12	Total Coliform/E coli - MPN	\$37.29	\$34.80	У	\$39.32	5.5%	To achieve full cost recovery
510250	45519	13	EC - MPN	\$37.29	\$34.80	У	\$39.32	5.5%	To achieve full cost recovery
510250	45519	14	Heterotrophic Plate Count	\$36.39	\$33.60	У	\$37.97	4.3%	To achieve full cost recovery
510250	45519	15	Microscopic Examination of Activated Sludge	\$189.28	\$172.00	У	\$194.36	2.7%	To achieve full cost recovery
510250	45519	16	Microcystin	\$662.75	\$595.40	У	\$672.80	1.5%	To achieve full cost recovery
			Metals:						
510250	45519				*=0.00		***	0.00/	
			ICP OES Scan (Wastewater)	\$84.07	\$76.30	-	\$86.22	2.6%	To achieve full cost recovery
			Total Phosphorous	\$32.77	\$31.40	У	\$35.48	8.3%	To achieve full cost recovery
		17c)	Total Dissolved Phosphorous	\$34.01	\$32.50	у	\$36.73	8.0%	To achieve full cost recovery

PUBLIC WORKS HAMILTON WATER

510250	45519	ICP MS ICP MS Scan	\$84.07	\$76.30	у	\$86.22	2.6%	To achieve full cost recovery
510250	45519	AA Mercury	\$58.99	\$54.10	у	\$61.13	3.6%	To achieve full cost recovery
510250	45519	Organics Caffeine	\$169.84	\$164.30	у	\$185.66	9.3%	To achieve full cost recovery
510250	45519	Additional Fees Weekend surcharge	\$113.00	\$100.00	у	\$113.00	0.0%	Current fee achieves full cost recovery

Costs not specifically addressed in the schedule will be invoiced at Actual Cost plus overhead

PUBLIC WORKS HAMILTON WATER

Dept.					2024	2025		2025		
By-Law			Ref #		including HST	Proposed	нѕт	including HST	% Fee	Basis for Fee
#	Dept ID	Account #		Service Offered	(if applicable)	Fee	(y/n)	(if applicable)	Change	Increase or Decrease
				ENVIRONMENTAL MONITORING & ENFORCEMENT To Regulate the Discharge of any Matter into the Sanitary, Combined, and Storm Sewer Systems.						
14-090	516175	47232	1	Annual Permit to Discharge Hauled Sewage Note: Cost for administration and processing of annual permits required to haul sewage within Hamilton	\$360.19	\$368.47	n	\$368.47	2.3%	To achieve full cost recovery
14-090 14-090 14-090 14-090 14-090	516175 516175 516175 516175 516175 516175	41314 41314 41314 41314 41314 41314	2a) 2b) 2c) 2d)	Discharge fees for Hauled Sewage generated: Inside the City - Compliant Note: Cost per truck full of sewage containing materials within Sewer Use By-law limits up to 1000 imperial gallons (4.54 m3) or any part thereof greater than 1000 (4.54 m3) but less than or equal to 3500 Imperial gallons (15.9m3) greater than 3500 (15.9 m3) but less than or equal to 5000 Imperial gallons (22.7 m3) greater than 5000 (22.7 m3) but less than or equal to 8000 Imperial gallons (36.3 m3) greater than 8000 (36.3 m3) but less than or equal to 10000 Imperial gallons (45.43 m3)	\$55.36 \$55.36 \$110.70 \$166.06 \$221.40	\$56.63 \$113.25 \$169.87	n n n	\$56.63 \$56.63 \$113.25 \$169.87 \$226.49	2.3% 2.3% 2.3% 2.3% 2.3%	To achieve full cost recovery To achieve full cost recovery To achieve full cost recovery To achieve full cost recovery To achieve full cost recovery
14-090 14-090 14-090 14-090 14-090	516175 516175 516175 516175 516175 516175	41314 41314 41314 41314 41314 41314	3a) 3b) 3c) 3d)	Discharge fees for Hauled Sewage generated: Inside the City - Non-Compliant Note: Cost per truck full of sewage containing materials that exceed one or more Sewer Use By- law limits up to 1000 imperial gallons (4.54 m3) or any part thereof greater than 1000 (4.54 m3) but less than or equal to 3500 Imperial gallons (15.9m3) greater than 3500 (15.9 m3) but less than or equal to 5000 Imperial gallons (22.7 m3) greater than 5000 (22.7 m3) but less than or equal to 8000 Imperial gallons (36.3 m3) greater than 8000 (36.3 m3) but less than or equal to 10000 Imperial gallons (45.43 m3)	\$55.36 \$110.70 \$166.06 \$276.75 \$332.11	\$113.25	n n n	\$56.63 \$113.25 \$169.87 \$283.12 \$339.75	2.3% 2.3% 2.3% 2.3% 2.3%	To achieve full cost recovery To achieve full cost recovery To achieve full cost recovery To achieve full cost recovery To achieve full cost recovery
14-090	516175	41314	4	Holding Tanks for Recreational Vehicles Note: Cost for Recreational Vehicles (RV's) to dump sewer waste at the Mountain Transfer Station	\$9.00	\$9.21	n	\$9.21	2.3%	To achieve full cost recovery
				Overstrength Discharge Fees Note: Cost per kilogram of each specified parameter that is in excess of Sewer Use By-law limits, and subject to a Sewer Discharge Permit						
14-090	516080	41315		Biochemical Oxygen Demand (charge per kg)	\$0.85	\$0.87		\$0.87	2.3%	To achieve full cost recovery
14-090 14-090	516080 516080	41315 41315	5b) 5c)	Total suspended solids (charge per kg) Oil & grease (animal/vegetable) (charge per kg)	\$0.69 \$0.48	\$0.70 \$0.49		\$0.70 \$0.49	2.3% 2.3%	To achieve full cost recovery To achieve full cost recovery
14-090	516080	41315	5c) 5d)	Total Kjeldahl Nitrogen (charge per kg)	\$0.48 \$1.08	\$0.49		\$0.49 \$1.11	2.3%	To achieve full cost recovery
14-090	516080	41315		Total Phosphorus (charge per kg)	\$2.29			\$2.34	2.3%	To achieve full cost recovery
14-090	516080	41317	6	Surcharge Discharge Fee (charge per m3)	\$2.15	\$2.37	n	\$2.37	10.2%	Equal to variable wastewater rate increase
				*Costs not specifically addressed in the schedule wil						

Costs not specifically addressed in the schedule will be invoiced at Actual Cost plus overhead **For general inquiries, please call 905-540-5190 or email sewerusebylaw@hamilton.ca**

PUBLIC WORKS HAMILTON WATER

Dept.					2024	2025		2025		
By-Law			Ref #		including HST	Proposed	HST	including HST	% Fee	Basis for Fee
	Dent ID	Account #		Service Offered	(if applicable)	•	_	(if applicable)	Change	Increase or Decrease
π	Dept ID	Account #		Service Offered	(ii applicable)	1 66	(9/11)	(ii applicable)	Change	Increase of Decrease
14-090 14-090 14-090 14-090 14-090 14-090 14-090	510260 510260 510260 510260 510260 510260 510260	45519 45519 45519 45532 45532 45532	7a) 7b) 7c) 8 8a) 8b) 8c)	Application Fees for Sewer Discharge Permits NOTE: Fee to be paid upon application for Sewer Discharge Permit Application Fee Wastewater Characterization deposit (optional) Amendment Fee (all permit types) Administrative Fees for Sewer Discharge Permits Note: Multiple permit holders pay the higher administration fee (for example, if the permit holder has both an Overstrength Discharge Permit and a Compliance Program Permit, they will pay \$810.00 per quarter Overstrength Discharge Permit (charged quarterly) Sanitary Discharge Permit (charged quarterly) Chloride Discharge Permit (charged quarterly) Compliance Discharge Permit (charged quarterly) Sanitary Discharge Permit (charged quarterly)	\$830.17 \$500.00 \$388.38 \$461.47 \$461.47 \$461.47 \$1.142.54	\$751.56 \$500.00 \$351.60 \$472.08 \$472.08 \$472.08 \$1.168.81	n y	\$849.27 \$500.00 \$397.31 \$472.08 \$472.08 \$472.08 \$472.08 \$472.08	2.3% 0.0% 2.3% 2.3% 2.3% 2.3% 2.3%	To achieve full cost recovery Current fee achieves full cost recovery To achieve full cost recovery
14-090	510200	45532		Conditional Discharge Permit (charged quarterly)	\$1,142.54	\$1,168.81	n	\$1,168.81	2.3%	To achieve full cost recovery
14-090	510260	45532		Construction Dewatering Discharge Permit (charged quarterly)	\$1,142.54	\$472.08	n	\$1,166.61	2.3%	To achieve full cost recovery
14-030	510200	40002	01)	Construction Dewatering Discharge Fernik (charged quartery)	\$401.47	\$472.00		\$472.00	2.3 /6	To achieve full cost recovery
14-090	510260	45519		Information Requests Note: Fee per property for records search related to Sewer Use By-law historical violations	\$234.63	\$212.42	У	\$240.03	2.3%	To achieve full cost recovery
14-090	510260	45532	10a) 10b) 10c) 10d)	Wastewater Sampling (optional) Note: Per unit costs to conduct wastewater sampling to determine permit conditions and limits Wastewater Sampling Vehicle Fee (per kilometer) Wastewater Sampling Equipment Fee (per day) Wastewater Sampling Technician Fee (per hour) Mon - Fri Wastewater Sampling Technician Fee (per hour) Sat Wastewater Sampling Technician Fee (per hour) Sun *multiple permit holders pay the higher administrative fee (for example, if the permit holder has both an C	\$1.50 \$48.51 \$61.68 \$92.51 \$123.35 Overstrength Disch	\$1.36 \$43.92 \$55.84 \$83.75 \$111.67 arge Permit and a	y y y y	\$1.53 \$49.63 \$63.09 \$94.64 \$126.19 liance Program Pe	2.3% 2.3% 2.3% 2.3% 2.3% rmit, they will pay	To achieve full cost recovery To achieve full cost recovery To achieve full cost recovery To achieve full cost recovery To achieve full cost recovery \$1,142.54 per quarter).

Costs not specifically addressed in the schedule will be invoiced at Actual Cost plus overhead **For general inquiries, please call 905-540-5190 or email sewerusebylaw@hamilton.ca**

PUBLIC WORKS HAMILTON WATER

Dept.					2024	2025		2025		
By-Law			Ref #		including HST	Proposed	HST	including HST	% Fee	Basis for Fee
#	Dept ID	Account #		Service Offered	(if applicable)	Fee	(y/n)	(if applicable)	Change	Increase or Decrease
				ENVIRONMENTAL MONITORING & ENFORCEMENT Fees related to the Wastewater Abatement Program						
03-272	510260	45532		Application Fee (plus cost recovery for peer review if required)	\$529.28	\$479.16	У	\$541.46	2.3%	To achieve full cost recovery
03-272	510260	45532	2	Annual Administration Fee	\$976.99	\$884.48	у	\$999.46	2.3%	To achieve full cost recovery

Costs not specifically addressed in the schedule will be invoiced at Actual Cost plus overhead
For general inquiries, please call 905-540-5190 or email sewerusebylaw@hamilton.ca

CORPORATE SERVICES

UTILITY BILLING

				2024	2025		2025		
		Ref #		including HST	Proposed	нѕт	including HST	% Fee	Basis for Fee
Dept ID	Account #		Service Offered	(if applicable)	Fee	(y/n)	(if applicable)	Change	Increase or Decrease
			UTILITY BILLING ADMINISTRATION						
338070			New Account Setup Fee - per new account Note: Charged when setting up a new utility account.	N/A	\$75.00	У	\$84.75	0.0%	New Internal Fee based on municipal comparators
338070			Ownership / Occupancy Change Fee - per account Note: Charged when there is a utility account holder change.	N/A	\$35.00	У	\$39.55	0.0%	New Internal Fee based on municipal comparators
338070			Bill Reprint - per print Note: Charged for each request of a reproduction/reprint copy of a bill.	N/A	\$15.00	У	\$16.95	0.0%	New Internal Fee based on municipal comparators
338070			Statement of Account - per account Note: Charged for providing a statement of a utility account.	N/A	\$30.00	У	\$33.90	0.0%	New Internal Fee based on municipal comparators
338070			NSF Fee - per instance Note: Processing fee on all 'returned' payments	\$39.78	\$36.42	У	\$41.15	3.4%	To achieve full cost recovery
338070			Reminder Notice - printed notices only Note: To cover the production, mailing and administrative costs associated with issuing a reminder notice.	N/A	\$5.00	У	\$5.65	0.0%	New Internal Fee based on municipal comparators
338070			Utility Certificate Note: Notice confirming balance owing on a utility account, generally used for property sale transactions.	N/A	\$65.00	У	\$73.45	0.0%	New Internal Fee based on municipal comparators
338070			24 Hour Rush - Utility Certificate Note: Notice confirming balance owing on a utility account, generally used for property sale transactions, provided within 24 hours.	N/A	\$80.00	у	\$90.40	0.0%	New Internal Fee based on municipal comparators
338070			Annual Water Consumption Statement Note: Statement detailing activity on a utility account. Fee is not applicable to property owners that have tenant held utility accounts.	N/A	\$45.00	у	\$50.85	0.0%	New Internal Fee based on municipal comparators

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SOURCE OF CAPITAL FINANCING 2025 to 2034 RATE PROGRAM CAPITAL BUDGET \$(000'S)

	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2025 to 2034
TOTAL RATE PROGRAM											
Capital Program	314,900	401,298	592,739	616,124	535,833	408,282	349,848	394,912	481,503	424,216	4,519,654
Source of Funding											
Subsidy/Other Revenue	2,619	15,388	25,098	15,798	12,533	13,333	10,723	9,103	5,012	176	109,781
Development Charges	94,275	129,134	179,326	170,104	131,874	84,190	12,372	51,834	95,774	71,840	1,020,722
Reserves & Other Internal Sources	-	4,250	5,250	5,250	1,150	-	-	-	-	-	15,900
Contribution from Operating	166,080	174,268	180,374	193,452	212,051	247,296	291,275	333,975	380,717	352,201	2,531,689
External Debt	51,925	78,259	202,692	231,519	178,226	63,464	35,478	-	-	-	841,562
Total	314,900	401,298	592,739	616,124	535,833	408,282	349,848	394,912	481,503	424,216	4,519,654

Note: Development Charges are inclusive of Debt. The DC Debt amount is \$50.0 M in 2025 and \$854.2 M from 2025 - 2034.

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CITY OF HAMILTON 2025 - 2034 WATER / WASTEWATER / STORM CAPITAL FINANCING PLAN (\$'s)

	2025	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>	<u>2031</u>	<u>2032</u>	<u>2033</u>	<u>2034</u>	<u> 2025 - 2034</u>
NET EXPENDITURES FORECAST											
WASTEWATER (NET)	92,343,099	104,089,472	163,393,622	160,595,512	160,319,312	103,391,082	92,532,074	123,660,486	219,349,328	180,352,970	1,400,026,956
WATER (NET)	88,249,774	106,530,445	166,871,380	216,368,150	178,629,000	164,369,040	180,003,790	140,918,540	83,192,590	81,136,545	1,406,269,254
STORM (NET)	37,413,000	41,906,300	52,800,366	48,008,234	51,327,938	42,999,517	54,217,007	69,396,329	78,175,509	90,711,010	566,955,210
TOTAL NET EXPENDITURES	218,005,872	252,526,217	383,065,368	424,971,896	390,276,250	310,759,639	326,752,871	333,975,355	380,717,427	352,200,526	3,373,251,421
SOURCE OF FINANCING											
DEBT ISSUES	51,925,440	78,258,573	202,691,534	231,519,433	178,225,581	63,463,537	35,478,189	-	-	-	841,562,287
TRANSFER FROM OPERATING	166,080,432	174,267,644	180,373,834	193,452,463	212,050,669	247,296,102	291,274,682	333,975,355	380,717,427	352,200,526	2,531,689,134
TOTAL CAPITAL FINANCING	218,005,872	252,526,217	383,065,368	424,971,896	390,276,250	310,759,639	326,752,871	333,975,355	380,717,427	352,200,526	3,373,251,421
OPERATING BUDGET IMPACT											
TRANSFER FROM OPERATING	166,080,432	174,267,644	180,373,834	193,452,463	212,050,669	247,296,102	291,274,682	333,975,355	380,717,427	352,200,526	2,531,689,134
DC EXEMPTION FUNDING	17,316,329	26,234,238	35,325,311	35,671,638	36,017,964	36,364,291	36,710,617	37,056,944	37,403,271	37,758,602	335,859,205
DEBT CHARGES (NET)	22,883,803	34,218,235	50,086,029	71,581,985	91,397,855	98,745,577	102,667,076	99,493,097	99,157,424	96,254,535	766,485,616
TOTAL CAPITAL FINANCING COSTS	206,280,565	234,720,117	265,785,174	300,706,085	339,466,488	382,405,970	430,652,376	470,525,395	517,278,121	486,213,663	3,634,033,955

	2029 RATE SUPPO	5-2034 CAPIT		FINANCING		BLE	
Year	Projected Gross Cost	Affordable Gross Cost	Subsidy/ Other Revenue	Dev't Charges	Reserves/ & Internal Sources	FINANCING Contribution From Operating	SOURCES External Debt
	\$	\$	\$	\$	\$	\$	\$
2025	314,900	315,800	2,619	94,275	-	166,080	51,925
2026	401,298	401,298	15,388	129,134	4,250	174,268	78,259
2027	592,739	592,739	25,098	179,326	5,250	180,374	202,692
2028-2034	3,210,718	3,390,347	66,676	617,988	6,400	2,010,967	508,687
TOTAL	4,519,654	4,700,183	109,781	1,020,722	15,900	2.531.689	841,562

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SOURCE OF CAPITAL FINANCING 2025 to 2034 RATE PROGRAM CAPITAL BUDGET \$(000'S)

	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2025 to 2034
WATER											
Capital Program	132,524	154,511	213,132	248,267	186,697	175,931	189,196	186,390	171,107	142,905	1,808,659
Source of Funding											
Subsidy/Other Revenue	496	3,942	-	583	-	-	-	-	-	-	5,021
Development Charges	43,778	44,039	46,260	31,315	8,068	11,562	9,192	45,471	87,914	61,769	389,368
Reserves & Other Internal Sources	-	-	-	-	-	-	-	-	-	-	-
Contribution from Operating	68,250	71,530	72,871	97,953	90,517	126,029	160,160	140,919	83,193	81,137	992,559
External Debt	20,000	35,000	94,000	118,415	88,112	38,340	19,844	-	-	-	413,711
Total	132,524	154,511	213,132	248,267	186,697	175,931	189,196	186,390	171,107	142,905	1,800,659

City of Hamilton Water System 2025 Capital Budget Project List (\$)

		1							-1	Financing S	
Project Type	Project ID	Project Title	Gross Costs	Grants and Subsidies	Other External Revenue	Development Charge	Reserves	WIP	Net Cost	From Operating	External Debt
Coordinated - Network Extension	5142171328	Southcote - Garner to Highway 403 Bridge	1,100,000	-	-	550,000	-	-	550,000	-	550,000
	5142180183	Binbrook - Royal Winter/Binhaven to Fletcher	547,000	-	-	547,000	-	-	-	-	-
	5142480388	Lewis - Barton to Hwy 8	100,000	-	-	100,000	-	-	- 35,000	-	-
	5142571108 5142580950	Rymal - Glancaster to Upper Paradise	35,000	-	-	-	-	-		35,000	-
Coordinated - Network Extension Total	5142580950	Frid St. Extension - McMaster Innovation Park to Chatham	410,000 2,192,000			- 1,197,000		-	410,000 995,000	- 35,000	410,000 960,000
			2,192,000			1,197,000			555,000		900,000
	54 433 333 33	Rates Projects Included in Tax Budget - NOT TO BE SET UP IN	450.000							450.000	
Coordinated - Other	5142399999	PEOPLESOFT	450,000	-	-	-	-	-	450,000	450,000	-
Coordinated - Other Total			450,000	-	-	-	-	-	450,000	450,000	-
Coordinated - Replacement	5142171310	Barton - Parkdale to Talbot	400,000		-	-	-	-	400,000	-	400,000
	5142371315	Jones - Dundurn to West End	200,000	-	-	-	-	-	200,000	200,000	-
	5142571027	Beach - Ottawa to Kenilworth, Dofasco - Beach to Kenilworth, &	300,000	-	-	-	-	-	300,000	300,000	-
		Ottawa - Barton to Beach - CASH FLOW									
	5142571103	Rymal - Upper Sherman to Upper Gage	100,000	-	-	-	-	-	100,000	100,000	-
	5142571288	Upper Wellington - Stone Church to Limeridge	150,000	-	-	-	-	-	150,000	150,000	-
	5142571305	Upper James - Mohawk to Fennell	150,000	-	-	-	-	-	150,000	150,000	-
	5142571308	Scenic - Chateau to Goulding (Phase 2) & Goulding to Upper	1,850,000	-	-	-	-	-	1,850,000	-	1,850,000
		Paradise (Phase 3)									
Coordinated Banlassmant Total	5142571312	Aberdeen - Queen to Studholme & Dundurn - Aberdeen to Hill	550,000 3,700,000	-	-	-	-	-	550,000 3,700,000	- 900,000	550,000 2,800,000
Coordinated - Replacement Total			3,700,000	-	-	-	-	-	3,700,000	900,000	2,800,000
		Main - Delena to Normanhurst & Normanhurst - Main to									
Coordinated - Upgrade	5141971315	Queenston (LRT Enabling)	100,000	100,000	-	-	-	-	-	-	-
Coordinated - Upgrade Total			100,000	100,000	-		-	-	-	-	-
	51 422 70000	Rates Share of Road Reconstruction - NOT TO BE SET UP IN	2 400 000						2 400 000	2 400 000	
Coordinated Replacement (50/50)	5142370000	PEOPLESOFT	2,400,000	-	-	-	-	-	2,400,000	2,400,000	-
Coordinated Replacement (50/50) Total			2,400,000	-	-	-	-	-	2,400,000	2,400,000	-
	5142560581	Large Valve/Chamber Abandonment (SE04V001): 100 m w/o	500,000	-	-	-	-	-	500,000	500,000	-
Demolition / Disposal		Centennial PKY									
Demolition / Disposal Total			500,000	-	-	-	-	-	500,000	500,000	-
Fahanaamant	F142166608	Jundan Water System Blass 2 Treatment	264.000						264.000	264.000	
Enhancement	5142166608	Lynden Water System - Phase 2 Treatment	264,000	-	-	-	-	-	264,000	264,000	-
	5142357545	Water - Computer Model	330,000	-	-	-	-	-	330,000	330,000	-
	5142361503	Advanced Metering Infrastructure (AMI) / Automated Meter Reading (AMR) Implementation - CASH FLOW	7,250,000	-	-	-	-	-	7,250,000	7,250,000	-
	5142363276	PD 13 Ancaster Heights Servicing Strategy	370,000						370,000	370,000	
		Portable Equipment for the Supply of Drinking Water at Public									
	5142551355	Events	85,000	-	-	-	-	-	85,000	85,000	-
	5142555503	Service Coordination Studies	150,000	-		-	-	-	150,000	150,000	-
Enhancement Total			8,449,000	-	-	-	-	-	8,449,000	8,449,000	-
	5142320499	City Initiated Subsurface Priorities Coordinated or Integrated	3,010,000			1,505,000	_	_	1,505,000	1,505,000	_
Expansion / Extension	5142520499	with LRT	3,010,000	-	-	1,303,000	-	-	1,505,000	1,303,000	-
	5142396011	Intensification Infrastructure Upgrades Program - Water	400,000	-	-	200,000	-	-	200,000	200,000	-
	5142467423	Freelton Well (FDF01) Capacity Increase	2,280,000	-	-	2,120,400	-	-	159,600	159,600	-
	5142496850	Locke St Trunk Watermain - Main to York (W-19)	200,000	40,150	-	159,850	-	-	-	-	-
	5142596250	HD07A Feedermain (W-22)	1,040,000	-	-	1,040,000	-	-	-	-	-
Expansion / Extension Total			6,930,000	40,150	-	5,025,250	-	-	1,864,600	1,864,600	-
									100 5	400.000	
Feasibility Plans / EA's/ Studies	5142355022	Engineering Consultant Watermain Projects	400,000	-	-	-	-	-	400,000	400,000	-
	5142355247	Alterations to the Drinking Water System	190,000	-	-	-	-	-	190,000	190,000	-
	5142355340	Water Distribution Studies	500,000	-	-	-	-	-	500,000	500,000	-
	5142355556	Mapping Update Program	40,000	-		-	-	-	40,000	40,000	-
	5112555555										
	5142355851	Water Efficiency Plan/Program	122,000	-	-	-	-	-	122,000	122,000	-
			122,000 300,000	-	-	-	-	-	122,000 300,000		-

City of Hamilton Water System 2025 Capital Budget Project List (\$)

Project Type Project Sta22 51422 51422 51423 51423 Sta24 51423 Licenses 51423 Licenses Total 51423 Network Extension 51412 Sta24 51423 Sta24 51423 Sta25 51424 Sta26 51423 Sta26 51424 Sta27 51424 Sta28 51425 Sta29 51426 Sta29 51427 Sta29 51428 Sta29 51429 Sta29 51426	 789 Plant Maint. 789 Plant Maint. 789 Plant Maint. 711 Physical Inv. 711 Physical Inv. 711 Physical Inv. 711 Physical Inv. 711 Fletcher Roz 711 Extension 712 Birch (Phase 712 Birch (Phase 712 Birch (Phase 711 Birbrook - T 711 Recreation (Carlisle Water Meter 711 Fleet Additid 711 Water Meter 711 Maintenanc 725 Security of 5 726 Utility Locat 728 Birs Rd W W 	tenance and Reliability Studies ventory Management and Technology Review Systems Program Atworth - South limit @ Hydro Corridor to Twenty ad Watermain - Binbrook Road to Windwood Drive bad Watermain - Binbrook Rd to Pumpkin Pass Rd Watermain - Binbrook Rd to Twenty Rd e 2) - Princess to Burlington Trinity Church to Fletcher (Binbrook/Glanbrook Centre Servicing) r Stoney Creek/Glanbrook) Elevated Reservoir (W-23) ter Supply System - Additional Water Storage (CASH ions er - Installation/Replacement/Repair - General ce Supply for PD 18 Suction Side Watermain Twinning te Program - Vehicle & Equipment	Gross Costs Gr 150,000 200,000 2,352,000 110,000 110,000 110,000 3,810,000 421,000 146,000 300,000 50,000 200,000 2,225,000 1,210,000 1,2210,000 550,000 550,000 550,000 300,000 550,000	ants and Subsidies Other	External Revenue Dev 	elopment Charge R - - - - - - - - - - - 3,810,000 421,000 421,000 146,000 300,000 - - 200,000 4,877,000 2,225,000 - - - - - - - - - - - - - - - - - -	eserves	WIP	Net Cost FI 150,000 200,000 2,352,000 110,000 110,000 - - - 50,000 - 1,210,000 100,000 5,000,000 550,000	From Operating I 150,000 200,000 2,352,000 110,000 110,000 - - - 50,000 - 100,000 5,000,000 - 550,000	External Debt - - - - - - - - - - - - - - - - - - -
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New 51418 51423 51423 51423 51423 51424 51425 51425 51425 51425 51425 51425 51425 51416 51416 51417	PD7 (Upper Carlisle Wat FLOWED) 110 Fleet Additic Water Mete Maintenanc 275 Security of S 550 Utility Locat 528 Donita - King 852 First Rd W V	ter Supply System - Additional Water Storage (CASH ions er - Installation/Replacement/Repair - General ce Supply for PD 18 Suction Side Watermain Twinning te Program - Vehicle & Equipment g to Jasper Watermain - Green Mountain to Glover Mountain	1,210,000 100,000 5,000,000 550,000 550,000 300,000 662,000		- - - - 345,564				100,000 5,000,000 550,000	100,000 5,000,000 -	-
New 51418 51423 51423 51423 51423 51424 51425 51425 51425 51425 51425 51425 51425 51416 51416 51417	PD7 (Upper Carlisle Wat FLOWED) 110 Fleet Additic Water Mete Maintenanc 275 Security of S 550 Utility Locat 528 Donita - King 852 First Rd W V	ter Supply System - Additional Water Storage (CASH ions er - Installation/Replacement/Repair - General ce Supply for PD 18 Suction Side Watermain Twinning te Program - Vehicle & Equipment g to Jasper Watermain - Green Mountain to Glover Mountain	1,210,000 100,000 5,000,000 550,000 550,000 300,000 662,000		- - - - 345,564				100,000 5,000,000 550,000	100,000 5,000,000 -	-
51418 51423 51423 51423 51423 51425 51425 51425 51425 51425 51425 51425 51425 51416 51417 51417	Carlisle Wat FLOWED) 110 Fleet Additio Maintenanc 275 Security of S 550 Utility Locat 502 Bonita - King 852 First Rd W V	ter Supply System - Additional Water Storage (CASH ions er - Installation/Replacement/Repair - General ce Supply for PD 18 Suction Side Watermain Twinning te Program - Vehicle & Equipment g to Jasper Watermain - Green Mountain to Glover Mountain	100,000 5,000,000 550,000 550,000 300,000 662,000		- - - 345,564	- - - - - - - - - - - - - - - - - - -	- - - -	- - -	100,000 5,000,000 550,000	100,000 5,000,000 -	-
51423 51423 51423 51424 51425 51426 51425 51426 51425 51425 51425 51425 51416 51417 51417	 FLOWED) Fleet Addition Fleet Addition Water Meter Maintenance Security of S Security of S Utility Locat Bonita - King First Rd W V 	ions er - Installation/Replacement/Repair - General ce Supply for PD 18 Suction Side Watermain Twinning te Program - Vehicle & Equipment g to Jasper Watermain - Green Mountain to Glover Mountain	100,000 5,000,000 550,000 550,000 300,000 662,000		- - - 345,564	- - - - - - 316,436		- - -	100,000 5,000,000 550,000	100,000 5,000,000 -	-
51423 51424 51425 51425 51425 51425 51425 51425 51425 51412 51412 51416 51417	110 Fleet Addition 502 Water Meter Maintenance Maintenance 275 Security of S 550 Utility Locat 502 Bonita - King 852 First Rd W V	er - Installation/Replacement/Repair - General ce Supply for PD 18 Suction Side Watermain Twinning te Program - Vehicle & Equipment go to Jasper Watermain - Green Mountain to Glover Mountain	5,000,000 550,000 550,000 300,000 662,000		- - - 345,564	- - - 316,436	- - - -	-	5,000,000 550,000	5,000,000	
51423 51424 51425 51425 51425 51425 51425 51425 51425 51425 51412 51412 51416 51417	502Water Meter Maintenanc275Security of S550Utility Locat502Bonita - King852First Rd W V	er - Installation/Replacement/Repair - General ce Supply for PD 18 Suction Side Watermain Twinning te Program - Vehicle & Equipment go to Jasper Watermain - Green Mountain to Glover Mountain	5,000,000 550,000 550,000 300,000 662,000	-	- - - 345,564	- - - 316,436	-	-	5,000,000 550,000	5,000,000	
S1423 51424 51425 51425 51425 51425 51425 51425 51425 51412 51412 51416 51417 51417	502 Maintenanc 275 Security of S 550 Utility Locat 502 Bonita - King 852 First Rd W V	ce Supply for PD 18 Suction Side Watermain Twinning te Program - Vehicle & Equipment g to Jasper Watermain - Green Mountain to Glover Mountain	550,000 550,000 300,000 662,000		- - - 345,564	- - - 316,436		-	550,000	-	
51424 51425 51425 51425 51425 51425 51425 51425 51425 51412 51412 51415 51416 51417	275Security of S550Utility Locat502Bonita - King852First Rd W V	Supply for PD 18 Suction Side Watermain Twinning te Program - Vehicle & Equipment ng to Jasper Watermain - Green Mountain to Glover Mountain	550,000 300,000 662,000	- - -	- - - 345,564	- - - 316,436	- -	-			550,000
51424 51425 51425 51425 51425 51425 51425 51425 51425 51412 51412 51415 51416 51417	550 Utility Locat 502 Bonita - King 852 First Rd W V	te Program - Vehicle & Equipment ng to Jasper Watermain - Green Mountain to Glover Mountain	550,000 300,000 662,000	-	- - - 345,564	- - 316,436	-	-			550,000
51425 51425 51425 New Total Rehabilitation / Renovation 51412 51412 51414 51415	502 Bonita - King 852 First Rd W V	ng to Jasper Watermain - Green Mountain to Glover Mountain	300,000 662,000		- 345,564	- 316,436	-		550,000	550,000	-
51425 51429 New Total Rehabilitation / Renovation 51412 51416 51416 51417	852 First Rd W V	Watermain - Green Mountain to Glover Mountain	662,000	-	345,564	316,436		-	300,000	172,000	128,000
51425 New Total Rehabilitation / Renovation 51412 51415 51416 51417							-		-	-	-
New Total Rehabilitation / Renovation 51412 51415 51416 51417				-	-	1.750.000	-	-	-	-	-
Rehabilitation / Renovation 51412 51415 51416 51416 51417			12,347,000	-	345,564	4,291,436	-		7,710,000	5,822,000	1,888,000
Rehabilitation / Renovation 51415 51416 51417			/- /		/	, - ,					,,
Rehabilitation / Renovation 51415 51416 51417	HVAC system	em Upgrades at New Environmental Laboratory and									
51415 51416 51417	Administrat		1,700,000	-	-	-	-	-	1,700,000	1,700,000	-
51417	520 Stone Churc	ch/Garth Water (HDR05) Reservoir	3,125,000	-	-	-	-	-	3,125,000	-	3,125,000
51417	PS HD016 (Y	York and Valley) Capacity Upgrade, Standby Power &				7 606 000			054.000	054.000	
		pansion (W-26) (CASH FLOWED)	8,540,000	-	-	7,686,000	-	-	854,000	854,000	-
	050		70.000						56.000	50.000	
51419	Greenhill PS	S HD04B & HD05A Upgrades (W-28) (CASH FLOWED)	70,000	-	-	14,000	-	-	56,000	56,000	-
	375 HDR01 Keni	ilworth and HDR1C Ben Nevis Reservoir Upgrades	1,050,000		-	-	-	-	1,050,000	-	1,050,000
E1410	Binbrook HD	D019 PS Capacity Expansion (W-20) & Binbrook Tower	620,000			620,000			-		
51419	HDT23 Upgr	rades	620,000	-	-	620,000	-	-	-	-	-
51421	Water Treat	tment Plant Phase 2A Water Quality Upgrades (UV	5,182,000				_		5,182,000		5,182,000
51421	Disinfection	n, Filters & Chlorine Building)	5,182,000	-		-	-		5,182,000		3,182,000
51421	420 HDR18 Glan	ncaster Reservoir Ugrades	1,650,000	-	-	-	-	-	1,650,000	-	1,650,000
51421		odley Lane Reservoir Upgrades	1,045,000	-	-	-	-	-	1,045,000	-	1,045,000
51422	320	Water Treatment Plant - Low Lift Pumping Station	550,000			-			550,000	550,000	-
	Intake Repa										
51423		estoration Program	5,400,000	-	-	-	-	-	5,400,000	5,400,000	-
51423		termain Inspection Program	200,000	-	-	-	-	-	200,000	200,000	-
51423		Structural Lining	7,500,000	-	-	-	-	-	7,500,000	7,500,000	-
51423	330	ribution Capital Repairs, Replacement and New	2,700,000	-	-	-	-		2,700,000	2,700,000	-
	Installation										
51423	-	or Adjusting of Water Utility Structures	250,000	-	-	-	-	-	250,000	250,000	-
51423		ntenance - Rebuild, Replacement and New Capital	500,000	-	-	-	-	-	500,000	500,000	-
51423		ntenance Capital Program	2,000,000	-	-	-	-	-	2,000,000	2,000,000	-
51423	075 City Fax	nmental Lab Improvements Program	786,500	-	-	-	-	-	786,500	786,500	-
51424		WITE ULEC Leave Maker University 0. Could in the	2,150,000	-	-	-	-	-	2,150,000	2,150,000	-
	Woodward	WTP - HLPS Large Valve Upgrades & Sedimentation	_,,								
51424	450 Woodward Tank Concre	WTP - HLPS Large Valve Upgrades & Sedimentation ete Restorations ous Roof Replacement at Hamilton Water Facilities	2,230,000								

City of Hamilton Water System 2025 Capital Budget Project List (\$)

										Financing	Sources
Project Type	Project ID	Project Title	Gross Costs	Grants and Subsidies	Other External Revenue	Development Charge	Reserves	WIP	Net Cost	From Operating	External Debt
	5142467221	Scenic Drive Reservoir New Access and Structural/Restoration Upgrades	1,200,000	-	-	-	-	-	1,200,000	-	1,200,000
	5142550072	WM Structural Lining - Dundas Valley Watermain	150,000	-	-	-	-	-	150,000	150,000	-
Rehabilitation / Renovation Total			47,268,500	-	-	8,320,000	-	-	38,948,500	25,696,500	13,252,000
Replacement	5141567273	Main / Whitney Pumping Station Replacement and Decommissioning	500,000	-	-	-	-	-	500,000	500,000	-
	5141596550	Stone Church Feedermain (W-24) - CASH FLOW	20,000,000	-	-	20,000,000	-	-	-	-	-
	5142066310	WTP Pre-Treatment Isolation Valves	3,950,000	-	-	-	-	-	3,950,000	3,950,000	-
	5142349555	QA-QC Service Contract Program	200,000	-	-	-	-	-	200,000	200,000	-
	5142360080	Valve Replacement Program	2,500,000	-	-	-	-	-	2,500,000	2,500,000	-
	5142360711	PW Capital Water Consumption Program	250,000	-	-	-	-	-	250,000	250,000	-
	5142360750	Unscheduled Valve, Hydrant, Watermain & Misc Water Replace Program	3,000,000	-	-	-	-	-	3,000,000	3,000,000	-
	5142362078	Substandard Water Service Replacement Program	2,350,000	-	-	-	-	-	2,350,000	2,350,000	-
	5142366151	SCADA Maintenance Program	900,000	-	-	-	-	-	900,000	900,000	-
	5142371074	Contingency for Unscheduled Works Program	100,000	-	-	-	-	-	100,000	100,000	-
	5142561001	Main Street East and Ottawa St - London Street to Grosvenor Avenue	10,500	10,500	-	-	-	-	-	-	-
	5142561301	Robinson - Queen to Park	100,000	-	-	-	-	-	100,000	100,000	-
	5142561307	Dallas - Upper Gage to West End	100,000	-		-	-	-	100,000	100,000	-
	5142561309	Myler - Sanford to Milton/Milton - Barton to Princess	1,100,000	-		-	-	-	1,100,000	-	1,100,000
Replacement Total			35,060,500	10,500	-	20,000,000	-	-	15,050,000	13,950,000	1,100,000
Safety/ Security	5142266351	Woodward SCADA Cybersecurity Program	200,000	-	-	-	-	-	200,000	200,000	-
	5142266871	Hamilton Water Capital Security Plan	790,000	-	-	-	-	-	790,000	790,000	-
	5142566001	Guarding Upgrades Hamilton Water Facilities (Water)	137,500	-	-	37,126	-	-	100,374	100,374	-
	5142566002	Fall Protection Upgrades at Hamilton Water Facilities (Water)	110,000	-	-	29,700	-		80,300	80,300	-
Safety/ Security Total			1,237,500	-	-	66,826	-	-	1,170,674	1,170,674	-
Staffing Costs	5142301099	Engineering Services Staffing Costs - Water	4,500,000	-	-	-	-	-	4,500,000	4,500,000	-
Staffing Costs Total			4,500,000	-	-	-	-	-	4,500,000	4,500,000	-
Grand Total			132,523,500	150,650	345,564	43,777,512			88,249,774	68,249,774	20,000,000

Project Type	Project ID	Title	Pre 2	025	202	5	202	6	202	7	202	8	Remai	ning	Project	Total	Start	End
			Gross	Net	Gross	Net	Gross	Net	Gross	Net	Gross	Net	Gross	Net	Gross	Net		
Coordinated - Network Extension		ote - Garner to Highway 403 Bridge	3,894,980	1,962,980	1,100,000	550,000	-	-	-	-	-	-	-	-	4,994,980	2,512,980	2021	
		ok - Royal Winter/Binhaven to Fletcher	830,000	-	547,000	-	-	-	-	-	-	-	-	-	1,377,000	-	2021	2029
	5142480388 Lewis -		750,000	-	100,000 35,000	35,000	-	-	- 500,000	- 500,000	-	-	-	-	850,000 535,000	- 535,000	2024 2025	2025 2027
	Erid St	 Glancaster to Upper Paradise Extension - McMaster Innovation Park to 							300,000	300,000								
	5142580950 Chathar		-	-	410,000	410,000	-	-	-	-	-	-	-	-	410,000	410,000	2024	2032
		- Upper Wellington to Upper Wentworth	-	-	-	-	280,000	280,000	4,000,000	4,000,000	-	-	-	-	4,280,000	4,280,000	2026	2027
	5142680253 Arvin Av		-	-	-	-	100,000	-	1,000,000	-	-	-	-	-	1,100,000	-	2026	2027
		Road - Highway 6 to e/o Glancaster (AEGD)	-	-	-	-	100,000	-	100,000	-	1,200,000	-	-	-	1,400,000	-	2026	2028
		Nebo - Dickenson to Hydro Corridor Dickenson - Nebo to 800m e/o Nebo		-	-		595,000 200,000		-	-	- 1,161,000		-	-	595,000 1,361,000	-	2026 2026	2026 2028
	5143171302 Arvin - [-			200,000		-	-	-		1,050,000	1,050,000	1,050,000	1,050,000	1905	1905
	5143180591 Book - S		-	-	-	-	-	-	-	-	-	-	1,522,000		1,522,000	_,,	2031	2031
Coordinated - Network Extension Total			5,474,980	1,962,980	2,192,000	995,000	1,275,000	280,000	5,600,000	4,500,000	2,361,000	-	2,572,000	1,050,000	19,474,980	8,787,980		
Coordinated Network Extension (50/50) Coordinated Network Extension (50/50) Total	5142//132/ Upper 0	Centennial - Rymal to Mud	-	-	-		-	-	200,000	200,000 200,000	6,100,000 6,100,000	6,100,000			6,300,000	6,300,000	2027	2028
Coordinated Network Extension (50/50) Total				-					200,000	200,000	0,100,000	0,100,000	-	-	0,300,000	0,300,000		
	Watern	main Rehabilitation/Replacement Coordinated					4 330 000	4 220 000	4 369 999	4 369 999	4 200 000	4 200 000	7 660 000	7 660 000			4005	1005
Coordinated - Other		evelopment	-	-	-	-	1,220,000	1,220,000	1,260,000	1,260,000	1,300,000	1,300,000	7,660,000	7,660,000	11,440,000	11,440,000	1905	1905
		Projects Included in Tax Budget - NOT TO BE SET	4,070,000	4,070,000	450,000	450,000	810,000	810,000	810,000	810,000	810,000	810,000	4,860,000	4,860,000	11,810,000	11,810,000	2023	2049
An alternation of the Table	UP IN P	PEOPLESOFT																
Coordinated - Other Total			4,070,000	4,070,000	450,000	450,000	2,030,000	2,030,000	2,070,000	2,070,000	2,110,000	2,110,000	12,520,000	12,520,000	23,250,000	23,250,000		
Coordinated - Replacement	5142171310 Barton	- Parkdale to Talbot	2,022,000	2,022,000	400,000	400,000	-	-	-		-	-	-		2,422,000	2,422,000	2021	2025
	Clonmo	orris / Underhill / Sleepy Hollow / Wilmar (York									000.000	000 000						
	Heights	s / Hunter NBHD)	100,000	100,000	-	-	-	-	-	-	900,000	900,000	-		1,000,000	1,000,000	2022	2028
		main Replacement Coordinated with Roads	-	-	-	-	-	-	-	-	-	-	39,400,000	39,400,000	39,400,000	39,400,000	2023	2049
		Dundurn to West End on/Foster/Walnut/Patrick/Charlton/James	400,000 500,000	400,000 500,000	200,000	200,000	-	-	-	-	-	-	- 8,900,000	- 8,900,000	600,000 9,400,000	600,000 9,400,000	2023 2024	2025 2032
	51424/1504 Perguso	on/Foster/ wainut/ Patrick/ chariton/James			-	-	-	-	-	-	-	-	8,900,000	8,900,000				
	5142471307 Duke - H	Hess to west end & Robinson - Queen to west end	50,000	50,000	-	-	630,000	630,000	-	-	-	-	-	-	680,000	680,000	2024	2026
		- Ottawa to Kenilworth, Dofasco - Beach to			300,000	300,000			10,000,000	10,000,000	8,000,000	8,000,000		_	18,300,000	18,300,000	2025	2028
	Kenilwo	orth, & Ottawa - Barton to Beach - CASH FLOW	-	-			-	-	10,000,000	10,000,000	8,000,000	8,000,000	-	-				
		- Upper Sherman to Upper Gage	-	-	100,000	100,000	1,500,000	1,500,000	-	-	-	-	-	-	1,600,000	1,600,000	2025	2026
		Wellington - Stone Church to Limeridge	-	-	150,000	150,000	-	-	-	-	600,000	600,000	-	-	750,000	750,000	2025	2028 2027
	Sconic	James - Mohawk to Fennell - Chateau to Goulding (Phase 2) & Goulding to	-	-	150,000	150,000			3,070,000	3,070,000	-	-	-	-	3,220,000	3,220,000	2025	
		Paradise (Phase 3)	-	-	1,850,000	1,850,000	1,250,000	1,250,000	-	-	-	-	-	-	3,100,000	3,100,000	2024	2026
		een - Queen to Studholme & Dundurn - Aberdeen			550,000	550,000	-				5,500,000	5,500,000			6,050,000	6,050,000	2025	2028
	to Hill				330,000	330,000					3,300,000	3,300,000						
		- Upper Gage to Upper Ottawa	-	-	-	-	75,000	75,000	950,000	950,000	-	-	-	-	1,025,000	1,025,000	2026	2027
		- Upper Ottawa to Dartnall Bond - King to Market (Phase 1)		-	-		150,000 70,000	150,000 70,000	- 900,000	- 900,000	1,200,000	1,200,000	-	-	1,350,000 970,000	1,350,000 970,000	2026 2026	2028 2027
		ale North Neighbourhood Phase 1		-			175,000	175,000	2,500,000	2,500,000	-		-	-	2,675,000	2,675,000	2020	2027
		nce - Gage to Kenilworth	-	-	-	-			150,000	150,000	-		1,550,000	1,550,000	1,700,000	1,700,000	2027	2029
	5142771115 Westda	ale North Neighbourhood Phase 2	-	-	-	-	-	-	140,000	140,000	2,000,000	2,000,000	-	-	2,140,000	2,140,000	2027	2028
	5142771302 Bold - C		-	-	-	-	-	-	100,000	100,000	700,000	700,000	-	-	800,000	800,000	2027	2028
	5142771322 Barton		-	-	-	-	-	-	700,000	700,000	10,000,000	10,000,000		-	10,700,000	10,700,000	2027	2028 2028
	5142771326 Osler - (I - Upper James to Upper Wellington	-	-	-	-	-	-	30,000 90,000	30,000 90,000	750,000	750,000	970,000	970,000	780,000 1,060,000	780,000 1,060,000	2027 2027	2028
		ith - Rymal to Stone Church	-	-	-	-	-	-	100,000	100,000	1,700,000	1,700,000	-		1,800,000	1,800,000	2027	2028
	5142780481 Barton		-	-	-	-	-	-	200,000	200,000	2,500,000	2,500,000	-	-	2,700,000	2,700,000	2027	2028
		ale North Neighbourhood Phase 3	-	-	-	-	-	-	-	-	150,000	150,000	2,200,000	2,200,000	2,350,000	2,350,000	2028	2029
		vk - Magnolia to Upper Paradise	-	-	-	-	-	-	-	-	150,000	150,000	2,200,000	2,200,000	2,350,000	2,350,000	2028	2029
		- Upper Paradise to Garth & Denlow (Phase 4)	-	-	-	-	-	-	-	-	150,000 4 700 000	150,000 4 700 000	1,300,000	1,300,000	1,450,000 4,700,000	1,450,000 4,700,000	2028 2028	2029 2028
		- Ottawa to Kenilworth Market to east end & York / Kerr (Phase 2)	-	-	-	-	-	-	-		4,700,000 1,160,000	4,700,000 1,160,000			1,160,000	1,160,000	2028	2028
	5142871509 Gray - K		-	-	-	-	-		-	-	100,000	100,000	2,400,000	2,400,000	2,500,000	2,500,000	2028	2029
	5142971118 Charlton	on - Ferguson to Sherman Access	-	-	-	-	-	-	-	-	-	-	3,300,000	3,300,000	3,300,000	3,300,000	2029	2030
		- James to Wellington & Hughson - Strachan to		-		-	-				-	-	1,700,000	1,700,000	1,700,000	1,700,000	2029	2030
	Simcoe																	
	Stiploy	rn - CPR bridge (s/o Main St) to King Neighbourhood (South) - Connaught / Balasm /	-	-	-	-	-	-	-	-	-	-	430,000	430,000	430,000	430,000	2029	2029
	5142971308 Dunsmu		-	-	-	-	-	-	-	-	-	-	1,000,000	1,000,000	1,000,000	1,000,000	2029	2030
	5142971316 Barton	St BIA - Wentworth to Sherman	-	-	-	-	-	-	-	-	-	-	3,440,000	3,440,000	3,440,000	3,440,000	2029	2029
	5143071122 Southco	ote - Hwy 403 bridge to Oldoakes /Dorval	-	-	-	-	-	-	-	-	-	-	2,400,000	2,400,000	2,400,000	2,400,000	2030	2030
	5143071202 Uurbaa			-	-		-		-	-	-		1,550,000	1,550,000	1,550,000	1,550,000	2030	2030
	Hughso	on - Simcoe to Brock & Wood - James to Hughson																
	5143071301 Evans - 5143071305 Barton	 Wellington to East St BIA - Ferguson to Wentworth 	-		-	-	-		-		-	-	425,000 4,440,000	425,000 4,440,000	425,000 4,440,000	425,000 4,440,000	2030 2030	2031 2030
		ton & Industrial - Ottawa to Kenilworth	-	-	-	-	-	-	-	-	-	-	2,150,000	2,150,000	2,150,000	2,150,000	2030	
		/ Spencer / (Hunter Neighbourhood)	-	-	-	-	-	-	-		-	-	630,000	630,000	630,000		2030	
		ce/Head/Morden/Napier/Nelson/Peel/Wellesley	-		-	-			-		-	-	720,000	720,000	720,000	720,000	2030	2030
	(Stratho	cona Neighbourhood)																
	5143171020 Sanford		-	-	-	-	-	-	-	-	-	-	850,000	850,000	850,000	850,000	2031	2031
		lale - Upper Gage to Upper Ottawa rorth - Barton to Burlington				-			-		-	-	1,400,000 2,000,000	1,400,000 2,000,000	1,400,000 2,000,000	1,400,000 2,000,000	2031 2031	2031 2031
		nds / Teal / Garden / Community / Greensfield	-	-	-	-	-	-	-	-	-	-	2,110,000	2,110,000	2,110,000	2,110,000	2031	
		earne - Brampton to gate at north end	-	-	-	-	-	-	-	-	-	-	820,000	820,000	820,000	820,000	2031	

Project Type	Project ID	Title	Pre 2		202		202		202		20		Remai		Project		Start	End
	5143171117 Green - 0	Carla to Barton	Gross	Net -	Gross	Net -	Gross	<u>Net</u>	Gross	Net -	Gross	Net -	Gross 1.300.000	<u>Net</u> 1.300.000	Gross 1.300.000	<u>Net</u> 1.300.000	2031	2031
		arton to 350 metres north of Bancroft	-	-	_		-		_	-		_	1,100,000	1,100,000	1,100,000	1,100,000	2031	2031
	5143171228 Rennie -			-	-	-	-	-	-			-	1,000,000	1,000,000	1,000,000	1,000,000	2031	2031
	5143171303 Hughson	- Wilson to Barton	-	-	-	-	-	-	-		-	-	550,000	550,000	550,000	550,000	2031	2031
	5143171304 Birge - Er	merald to Cheever	-	-	-	-	-	-	-		-	-	280,000	280,000	280,000	280,000	2031	2031
	5143171305 South)	Glen / Macklin St S / Olmstead / Tope (Westdale		-	-		-		-			-	680,000	680,000	680,000	680,000	2031	2031
	300LII)	/ellington - Limeridge to Mohawk		-	-		-		-			-	1.050.000	1.050.000	1.050.000	1.050.000	1905	1905
	5143171311 Oak/Eme	erald/East Ave - Cannon to Barton		-	-		-		-			-	1,640,000	1,640,000	1,640,000	1,640,000	2031	2031
		Tecumseh (Strathcona Neighbourhood)	-	-	-	-	-	-	-	-	-	-	820,000	820,000	820,000	820,000	2031	2031
		n - Parkdale to Woodward & Brighton	-	-	-		-	-	-	-	-	-	920,000	920,000	920,000	920,000	2031	2031
	5143171316 Sanford -	- Main to Cannon on & Industrial - Birch to Gage	-	-	-	-	-	-	-		-	-	1,410,000	1,410,000 2.820.000	1,410,000	1,410,000	2031 2031	2031 2031
	5143171320 Burlingto 5143271302 Barton -		-	-	-	-	-	-	-	-	-	-	650,000	650,000	650,000	650,000	2031	2031
	5143471302 Hunter -			-	-		-	-	-		-	-	340,000	340,000	340,000	340,000	1905	1905
Coordinated - Replacement Total		•	3,072,000	3,072,000	3,700,000	3,700,000	3,850,000	3,850,000	18,930,000	18,930,000	40,260,000	40,260,000	102,845,000	102,845,000	172,657,000	172,657,000		
		are of Road Reconstruction - NOT TO BE SET UP	2,480,000	2,480,000	2,400,000	2,400,000	4,930,000	4,930,000	12,908,000	12,908,000	14,540,000	14,540,000	94,688,000	94,688,000	131,946,000	131,946,000	2023	2049
Coordinated Replacement (50/50) Coordinated Replacement (50/50) Total	IN PEOPL	LESOFI	2.480.000	2.480.000	2.400.000	2.400.000	4.930.000	4.930.000	12.908.000	12,908,000	14.540.000	14,540,000	94.688.000	94.688.000	131,946,000	131.946.000		
			2,400,000	2,480,000	2,400,000	2,400,000	4,550,000	4,550,000	12,500,000	12,500,000	14,540,000	14,540,000	54,000,000	54,008,000	131,540,000	131,540,000		
	5141971315 Main - De	elena to Normanhurst & Normanhurst - Main to	12.560.000	800.000	100.000										12.660.000	800.000	2019	2025
Coordinated - Upgrade	Queenst	on (LRT Enabling)	,,	,		-	-		-			-	-	-	,,	,	2019	2025
Coordinated - Upgrade Total			12,560,000	800,000	100,000	-	-	-	-	-	-	-	-	-	12,660,000	800,000		
	Lares Ve	lve/Chamber Abandonment (SE04V001): 100 m																
Demolition / Disposal		tennial PKY	-	-	500,000	500,000	-	-	-	-	-	-	-	-	500,000	500,000	1905	1905
Demolition / Disposal Total	, o cen		-	-	500,000	500,000	-	-	-	-	-	-	-	-	500,000	500,000		
Enhancement		Water System - Phase 2 Treatment	1,380,000	1,380,000	264,000	264,000	-	-	-	-	-	-	-	-	1,644,000	1,644,000	2021	2025
	5142357545 Water - 0		310,000	310,000	330,000	330,000	340,000	340,000	350,000	350,000	360,000	360,000	2,160,000	2,160,000	3,850,000	3,850,000	2023	2046
		d Metering Infrastructure (AMI) / Automated eading (AMR) Implementation - CASH FLOW	3,500,000	500,000	7,250,000	7,250,000	7,250,000	7,250,000	-	-	-	-	-	-	18,000,000	15,000,000	1905	1905
		caster Heights Servicing Strategy	310,000	310,000	370,000	370,000	1,150,000	1,150,000	-			-	-	-	1,830,000	1,830,000	2023	2026
		Equipment for the Supply of Drinking Water at			85,000	85,000									85,000	85,000	2024	2025
	Public Ev	vents	-	-			-	-	-	-	-	-	-	-				
	5142555503 Service C	Coordination Studies	-	-	150,000	150,000	150,000	150,000	-	-	-	-	-	-	300,000	300,000	2025	2026
Enhancement Total			5,500,000	2,500,000	8,449,000	8,449,000	8,890,000	8,890,000	350,000	350,000	360,000	360,000	2,160,000	2,160,000	25,709,000	22,709,000		
	PD16 (W	aterdown) Trunk Feedermain - PS HD016 to Hwy																
Expansion / Extension		nquin (W-25) (CASH FLOWED)	4,200,000	1,050,000	-	-	8,220,000	2,055,000	12,000,000	3,000,000	5,300,000	1,325,000	-	-	29,720,000	7,430,000	2017	2028
		ated Subsurface Priorities Coordinated or	4,030,000	2,015,000	3,010,000	1,505,000	3.010.000	1,505,000	-			-	-	-	10,050,000	5,025,000	2023	2026
	Integrate	ed with LRT	4,050,000	2,013,000	5,010,000	1,505,000	5,010,000	2,505,000							10,050,000	5,625,666	2025	2020
	5142396011	cation Infrastructure Upgrades Program - Water	400,000	200,000	400,000	200,000	-	-	400,000	200,000	-	-	1,200,000	600,000	2,400,000	1,200,000	1905	1905
		Well (FDF01) Capacity Increase	880.000	880.000	2.280.000	159.600	1.970.000	137.900	-				-	-	5.130.000	1,177,500	2024	2026
	Highland	Reservoir HDR07 (W-11) Expansion (CASH	,	,	_,,				5 700 000				2 740 000		-, -,	_,,===	2024	2020
	5142495251 FLOWED		-	-	-	-	2,130,000	-	5,700,000	-	5,860,000	-	3,740,000	-	17,430,000	-	2021	2029
	5142496850 Locke St	Trunk Watermain - Main to York (W-19)	180,000	-	200,000	-	5,400,000	-	-	-	-	-	-	-	5,780,000	-	2024	2026
	5142596250 HD07A F		-	-	1,040,000	-	6,431,090	-	-		-	-	-	-	7,471,090	-	2021	2026
		reatment Plant Phase 2B Expansion ntation Tanks & Low Lift Pumping Station)	-	-	-	-	-	-	-		-	-	211,867,000	14,830,690	211,867,000	14,830,690	2030	2034
		rvice Rd - Millen to Dewitt	-	-	-	-	-	-	-	-	-	-	4,536,000	-	4,536,000	-	2030	2030
	5143080380 South Se	rvice Rd - Fruitland to Jones	-	-	-	-	-	-	-	-	-	-	2,693,000	-	2,693,000	-	2030	2030
		Barton to South Service Rd Extension	-	-	-	-	-	-	-	-	-	-	1,191,000	-	1,191,000	-	2031	2031
	5143180182 Shaver -		-	-	-	-	-	-	-	-	-	-	1,361,000	1,020,750	1,361,000	1,020,750	2031	2032
	5143180381 Dewitt C 5143280280 Jones - B		-	-	-	-	-	-	-	-	-	-	1,038,000 2,594,000	-	1,038,000 2,594,000	-	2031 2032	2031 2032
	5143480476 Millen - A		-	-	-	-		-	-	-	-	-	1,420,000		1,420,000	-	2032	2032
Expansion / Extension Total			9,690,000	4,145,000	6,930,000	1,864,600	27,161,090	3,697,900	18,100,000	3,200,000	11,160,000	1,325,000	231,640,000	16,451,440	304,681,090	30,683,940		
Feasibility Plans / EA's/ Studies	5142255264 City-Wide	e Water Master Plan /stems Planning Program	280,000 1.320.000	- 1,320,000	-	-	- 710,000	- 177,500	- 730,000	- 182,500	700,000 750.000	- 187,500	- 4.954.539	- 1,238,635	980,000 8.464.539	- 3.106.135	2022 2023	2028 2047
		ystems Planning Program ring Consultant Watermain Projects	1,320,000 400,000	1,320,000 400.000	- 400,000	- 400,000	/10,000 400.000	177,500	730,000 400.000	182,500 400,000	750,000 400.000	187,500 400,000	4,954,539 2,400,000	1,238,635 2,400,000	8,464,539 4,400,000	3,106,135	2023 1905	2047 1905
				350.000	190,000	190,000	200,000	200,000	210,000	210,000	220,000	220,000	980,000	980,000	2,150,000	2,150,000	2023	2032
		ins to the Drinking Water System	350,000	330,000												1,500,000	2023	2026
	5142355247 Alteratio 5142355340 Water Di		700,000	700,000	500,000	500,000	300,000	300,000	-				-	-	1,500,000			
	5142355247 Alteratio 5142355340 Water Di 5142355556 Mapping	istribution Studies ; Update Program			500,000 40,000	500,000 40,000	300,000 40,000	300,000 40,000	40,000	40,000	40,000	40,000	- 240,000	- 240,000	1,500,000 550,000	550,000	2023	2049
	5142355247 Alteratio 5142355340 Water Di 5142355556 Mapping Pressure	istribution Studies 5 Update Program 1 Districts and Drinking Water System	700,000	700,000			,		- 40,000 230,000	40,000	40,000 240,000	40,000 240,000	- 240,000 1,060,000	- 240,000 1,060,000			2023 2022	2049 2032
	5142355247 Alteratio 5142355340 Water Di 5142355556 Mapping 51423555713 Pressure Optimiza	istribution Studies ; Update Program : Districts and Drinking Water System ation	700,000 150,000 460,000	700,000 150,000 460,000	40,000	40,000	40,000 220,000	40,000 220,000	230,000	230,000	240,000	240,000	1,060,000	1,060,000	550,000 2,210,000	550,000 2,210,000	2022	2032
	5142355247 Alteratio 5142355340 Water Di 5142355345 Mapping 5142355713 Pressure 0ptimiza 0ptimiza 5142355851 Water Ef	istribution Studies Update Program • Districts and Drinking Water System • ition • ficiency Plan/Program	700,000 150,000	700,000 150,000			40,000	40,000							550,000	550,000		
	5142355247 Alteratio 5142355340 Water Di 5142355556 Mapping 5142355713 Pressure 0ptimiza 5142355851 Water Ef 5142366711 Water Tr	istribution Studies ; Update Program : Districts and Drinking Water System ation	700,000 150,000 460,000 120,000	700,000 150,000 460,000 120,000	40,000 - 122,000	40,000 - 122,000	40,000 220,000 124,000	40,000 220,000 124,000	230,000 129,000	230,000 129,000	240,000 132,000	240,000 132,000	1,060,000 866,181	1,060,000 866,181	550,000 2,210,000 1,493,181	550,000 2,210,000 1,493,181	2022 2024	2032 2049
	5142355247 Alteratio 5142355340 Water Di 5142355556 Mapping 5142355751 Pressure Optimiza 5142356711 Water Ti 5142366712 Water Oi	istribution Studies ; Update Program Districts and Drinking Water System ution fficiency Plan/Program eatment Studies Program	700,000 150,000 460,000 120,000 600,000	700,000 150,000 460,000 120,000 600,000	40,000 - 122,000 300,000	40,000 - 122,000 300,000	40,000 220,000 124,000 300,000	40,000 220,000 124,000 300,000	230,000 129,000 300,000	230,000 129,000 300,000	240,000 132,000 300,000	240,000 132,000 300,000	1,060,000 866,181 1,800,000	1,060,000 866,181 1,800,000	550,000 2,210,000 1,493,181 3,600,000	550,000 2,210,000 1,493,181 3,600,000	2022 2024 2023	2032 2049 2034
	5142355247 Alteratio 5142355340 Water Di 5142355556 Mapping 5142355571 Perssure 5142355851 Water Ef 51423565711 Water Tr 5142366711 Water Tr 5142367752 Water On 5142455789 Plant Ma	istribution Studies ; Update Program Districts and Drinking Water System ution fficiency Plan/Program eatment Studies Program utstations Inspections - Asset Management intenance and Reliability Studies	700,000 150,000 460,000 120,000 600,000 1,520,000	700,000 150,000 460,000 120,000 600,000 1,520,000	40,000 - 122,000 300,000 450,000	40,000 - 122,000 300,000 450,000	40,000 220,000 124,000 300,000 680,000	40,000 220,000 124,000 300,000 680,000	230,000 129,000 300,000 990,000	230,000 129,000 300,000 990,000	240,000 132,000 300,000 1,020,000	240,000 132,000 300,000 1,020,000	1,060,000 866,181 1,800,000 4,548,750	1,060,000 866,181 1,800,000 4,548,750	550,000 2,210,000 1,493,181 3,600,000 9,208,750	550,000 2,210,000 1,493,181 3,600,000 9,208,750 1,650,000	2022 2024 2023 2023	2032 2049 2034 2046
	5142355247 Alteratio 514235536 Mapping 5142355556 Mapping 5142355551 Pressure 514235551 Water Ef 514236711 Water Tr 514236712 Water On 5142455752 Water On 5142455759 Plant Ma 5142551111 Physical	istribution Studies Update Program Districts and Drinking Water System tition ficiency Plan/Program reatment Studies Program utstations Inspections - Asset Management sintenance and Reliability Studies Inventory Management and Technology Review	700,000 150,000 460,000 120,000 600,000 1,520,000	700,000 150,000 460,000 120,000 600,000 1,520,000	40,000 - 122,000 300,000 450,000 150,000	40,000 - 122,000 300,000 450,000 150,000	40,000 220,000 124,000 300,000 680,000	40,000 220,000 124,000 300,000 680,000	230,000 129,000 300,000 990,000	230,000 129,000 300,000 990,000	240,000 132,000 300,000 1,020,000	240,000 132,000 300,000 1,020,000	1,060,000 866,181 1,800,000 4,548,750 900,000 -	1,060,000 866,181 1,800,000 4,548,750 900,000	550,000 2,210,000 1,493,181 3,600,000 9,208,750 1,650,000 200,000	550,000 2,210,000 1,493,181 3,600,000 9,208,750 1,650,000 200,000	2022 2024 2023 2023 2024 2025	2032 2049 2034 2046 2048 2025
Feasibility Plans / Fa'c/ Studies Total	5142355247 Alteratio 5142355340 Water Di 5142355556 Mapping 5142355571 Perssure 5142355851 Water Ef 51423565711 Water Tr 5142366711 Water Tr 5142367752 Water On 5142455789 Plant Ma	istribution Studies Update Program Districts and Drinking Water System tition ficiency Plan/Program reatment Studies Program utstations Inspections - Asset Management sintenance and Reliability Studies Inventory Management and Technology Review	700,000 150,000 460,000 120,000 600,000 1,520,000	700,000 150,000 460,000 120,000 600,000 1,520,000 150,000	40,000 - 122,000 300,000 450,000 150,000 200,000 -	40,000 - 122,000 300,000 450,000 150,000 200,000 -	40,000 220,000 124,000 300,000 680,000 150,000 - -	40,000 220,000 124,000 300,000 680,000 150,000 - -	230,000 129,000 300,000 990,000 150,000 - -	230,000 129,000 300,000 990,000	240,000 132,000 300,000 1,020,000	240,000 132,000 300,000 1,020,000	1,060,000 866,181 1,800,000 4,548,750	1,060,000 866,181 1,800,000 4,548,750	550,000 2,210,000 1,493,181 3,600,000 9,208,750 1,650,000	550,000 2,210,000 1,493,181 3,600,000 9,208,750 1,650,000	2022 2024 2023 2023 2024	2032 2049 2034 2046 2048
Feasibility Plans / EA's/ Studies Total	5142355247 Alteratio 514235536 Mapping 5142355556 Mapping 5142355551 Pressure 514235551 Water Ef 514236711 Water Tr 514236712 Water On 5142455752 Water On 5142455759 Plant Ma 5142551111 Physical	istribution Studies Update Program Districts and Drinking Water System tition ficiency Plan/Program reatment Studies Program utstations Inspections - Asset Management sintenance and Reliability Studies Inventory Management and Technology Review	700,000 150,000 460,000 120,000 600,000 1,520,000 150,000 - -	700,000 150,000 460,000 120,000 600,000 1,520,000	40,000 - 122,000 300,000 450,000 150,000	40,000 - 122,000 300,000 450,000 150,000	40,000 220,000 124,000 300,000 680,000	40,000 220,000 124,000 300,000 680,000	230,000 129,000 300,000 990,000	230,000 129,000 300,000 990,000 150,000 -	240,000 132,000 300,000 1,020,000 150,000 - -	240,000 132,000 300,000 1,020,000 150,000 - -	1,060,000 866,181 1,800,000 4,548,750 900,000 - 12,625,000	1,060,000 866,181 1,800,000 4,548,750 900,000 - 12,625,000	550,000 2,210,000 1,493,181 3,600,000 9,208,750 1,650,000 200,000 12,625,000	550,000 2,210,000 1,493,181 3,600,000 9,208,750 1,650,000 200,000 12,625,000	2022 2024 2023 2023 2024 2025	2032 2049 2034 2046 2048 2025
Feasibility Plans / EA's/ Studies Total Licenses Licenses Total	5142355247 Alteratio 514235536 Mapping 5142355556 Mapping 5142355551 Pressure 514235551 Water Ef 514236711 Water Tr 514236712 Water On 5142455752 Water On 5142455759 Plant Ma 5142551111 Physical	istribution Studies (Update Program Districts and Drinking Water System tition (Ficiency Plan/Program veatment Studies Program utstations Inspections - Asset Management intenance and Reliability Studies Inventory Management and Technology Review ADA Master Plan	700,000 150,000 460,000 120,000 600,000 1,520,000 150,000 - -	700,000 150,000 460,000 120,000 600,000 1,520,000 150,000	40,000 - 122,000 300,000 450,000 150,000 200,000 -	40,000 - 122,000 300,000 450,000 150,000 200,000 -	40,000 220,000 124,000 300,000 680,000 150,000 - -	40,000 220,000 124,000 300,000 680,000 150,000 - -	230,000 129,000 300,000 990,000 150,000 - -	230,000 129,000 300,000 990,000 150,000 -	240,000 132,000 300,000 1,020,000 150,000 - -	240,000 132,000 300,000 1,020,000 150,000 - -	1,060,000 866,181 1,800,000 4,548,750 900,000 - 12,625,000	1,060,000 866,181 1,800,000 4,548,750 900,000 - 12,625,000	550,000 2,210,000 1,493,181 3,600,000 9,208,750 1,650,000 200,000 12,625,000	550,000 2,210,000 1,493,181 3,600,000 9,208,750 1,650,000 200,000 12,625,000	2022 2024 2023 2023 2024 2025 2029	2032 2049 2034 2046 2048 2025 2034

roject Type	Project ID Title	Pre <u>Gross</u>	2025 <u>Net</u>	202 <u>Gross</u>	25 <u>Net</u>	202 <u>Gross</u>	26 <u>Net</u>	202 <u>Gross</u>	27 <u>Net</u>	202 <u>Gross</u>	28 <u>Net</u>	Remai <u>Gross</u>	ining <u>Net</u>	Project <u>Gross</u>	Total <u>Net</u>	Start
etwork Extension	5141564533 Upper Wentworth - South limit @ Hydro Corridor Twenty	to 2,200,000	-	3,810,000		-	-	-	-		-	-	-	6,010,000	-	2015
	Fletcher Road Watermain - Binbrook Road to Wir 5142380381 Drive Extension	dwood 632,000	-	421,000	-	-	-		-		-	-	-	1,053,000	-	2023
	5142480480	389,000		146,000		-		-	-	-		-		535,000		2024
	Fletcher Road Watermain - Binbrook Rd to Pump 5142480485 Glancaster Rd Watermain - Rymal Rd to Twenty F			300,000		-		3,514,000	-	-		-		4,014,000		2024
	5142571322 Birch (Phase 2) - Princess to Burlington	-	-	50,000	50,000	680,000	680,000	-	-	-	-	-	-	730,000	730,000	1905
	5142580520 Binbrook - Trinity Church to Fletcher (Binbrook/Glanbrook Recreation Centre Servicing	-	-	200,000	-	-	-	2,000,000	-	-	-	-	-	2,200,000	-	2025
etwork Extension Total	· · · · · · · · · · · · · · · · · · ·	3,421,000	-	4,927,000	50,000	680,000	680,000	5,514,000	-	-	-	-	-	14,542,000	730,000	
ew	5141395354 PD18 (Ancaster) Water Servicing Strategy (W-14) FLOWED)	(CASH 3,410,000	1,705,000	-	-		-			6,850,000	3,425,000	7,050,000	3,525,000	17,310,000	8,655,000	1905
	5141495551 PD7 (Upper Stoney Creek/Glanbrook) Elevated Re	eservoir 18,950,000		2,225,000	-	-	-	-	-	-				21,175,000	-	2014
	(W-23) 5141767650 New Greensville Communal Well	1,870,000	1,870,000	-		4,000,000	4,000,000	3,000,000	3,000,000	-				8,870,000	8,870,000	2017
	51/1805852 Carlisle Water Supply System - Additional Water S		1,930,000	1,210,000	1,210,000	5,650,000	5,650,000	5,650,000	5,650,000	-		-		14,440,000	14,440,000	2018
	(CASH FLOWED) 5142351110 Fleet Additions	1,375,000	1,375,000	100.000	100.000	100.000	100,000	100.000	100.000	100.000	100.000	600.000	600.000	2,375,000	2,375,000	1905
	Water Meter - Installation/Replacement/Repair -		7,715,000	5,000,000	5,000,000	5,200,000	5,200,000	5,000,000	5,000,000	4,520,000	4,520,000	29,930,000	29,930,000	57,365,000	57,365,000	2023
	Sites Sites Maintenance 5142363275 Security of Supply for PD 18 Suction Side Waterm Twinning		220,000	550,000	550,000		-		-	-	-			770,000	770,000	2023
	5142441226 FLOWED)	(CASH 812,500	812,500	-		1,562,500	1,562,500	1,562,500	1,562,500	5,062,500	5,062,500	5,062,500	5,062,500	14,062,500	14,062,500	2023
	5142460550 Utility Locate Program - Vehicle & Equipment	900,000	-	550,000	550,000	-	-	-	-	-	-		-	1,450,000	550,000	2024
	5142467224 New PD2 Water Pumping Station (CASH FLOWED P.S. HD07A - New District 7 (Elfrida area) Pumping		2,650,000	-	-	1,280,000	1,280,000	6,180,000	6,180,000	6,370,000	6,370,000	-	-	16,480,000	16,480,000	2022
	5142495552 Station (W-21)	^B 290,000	-	-	-	3,630,000	-	10,650,000	-	10,970,000	-	-	-	25,540,000	-	2024
	5142563502 Bonita - King to Jasper First Rd W Watermain - Green Mountain to Glove	-	-	300,000	300,000	-	-	-	-	-	-	-	-	300,000	300,000	2025
	5142580852 Mountain	-	-	662,000	-	-	-	-	-	-	-	-	-	662,000	-	2025
	5142580859 Southcote - Garner to Hydro Corridor	-	-	1,750,000	-	-	-	-	-	- 1.102.000	-	-	-	1,750,000 1.102.000	-	2025 2028
	5142880850 Book Rd PD6 Watermain - Hwy 6 to Smith Rd 5142880851 Book Rd PD18 Watermain - Hwy 6 to Smith Rd	-	-	-	-	-		-	-	1,102,000	-		-	1,157,000	-	2028
	5143263201 Dawson - King to Passmore	-	-	-	-	-	-	-	-	-	-	300,000	300,000	300,000	300,000	2032
w Total		40,122,500	18,277,500	12,347,000	7,710,000	21,422,500	17,792,500	32,142,500	21,492,500	36,131,500	19,477,500	42,942,500	39,417,500	185,108,500	124,167,500	
	5141269250 HVAC system Upgrades at New Environmental	5,730,000	5,730,000	1,700,000	1,700,000	1,150,000	1,150,000							8,580,000	8,580,000	2011
nabilitation / Renovation	Laboratory and Administration Building 5141567520 Stone Church/Garth Water (HDR05) Reservoir	11.467.000	11.467.000	3,125,000	3,125,000	-	-							14,592,000	14,592,000	
	5141667421 Glancaster Rd & Hwy 53 Pumping Station (HD018 Upgrades (CASH FLOWED)	, . ,	12,600,000	-	-		-	1,100,000	1,100,000	2,200,000	2,200,000	2,200,000	2,200,000	18,100,000	18,100,000	1905
	5141695883 PS HD016 (York and Valley) Capacity Upgrade, Sta Power & Building Expansion (W-26) (CASH FLOW)		689,000	8,540,000	854,000	4,150,000	415,000	2,150,000	215,000		-	-	-	21,740,000	2,173,000	2016
	5141795850 Greenhill PS HD04B & HD05A Upgrades (W-28) (C FLOWED)	32,500,000	10,212,549	70,000	56,000	125,000	100,000	125,000	100,000	125,000	100,000	125,000	100,000	33,130,000	10,668,549	2017
	5141967375 Upgrades	ir 16,240,000	9,740,000	1,050,000	1,050,000	-	-	-	-	-	-	-	-	17,290,000	10,790,000	2019
	5141995951 Binbrook HDD19 PS Capacity Expansion (W-20) & Binbrook Tower HDT23 Upgrades	1,040,000	-	620,000		7,150,000		7,150,000			-	-	-	15,960,000		2019
	5142166110 Water Treatment Plant Phase 2A Water Quality	11,354,080	8,138,080	5,182,000	5,182,000	5,182,000	5,182,000	28,382,000	28,382,000	51,112,000	51,112,000	239,704,000	239,704,000	340,916,080	337,700,080	2021
	Upgrades (UV Disinfection, Filters & Chlorine Buil 5142167420 HDR18 Glancaster Reservoir Ugrades	aing) 2,080,000	2,080,000	1,650,000	1,650,000	-	-		-	-				3,730,000	3,730,000	2021
	5142167421 HDR11 Woodley Lane Reservoir Upgrades	3,670,000	3,670,000	1,045,000	1,045,000	-	-	-	-	-		-		4,715,000	4,715,000	2021
	5142266320 Station Intake Repairs	2,580,000 2,580,000	2,580,000	550,000	550,000	-	-	-	-	-	-	-	-	3,130,000	3,130,000	2022
	5142311101 Road Cut Restoration Program	13,615,000	11,365,000	5,400,000	5,400,000	5,400,000	5,400,000	5,400,000	5,400,000	5,400,000	5,400,000	32,400,000	32,400,000	67,615,000	65,365,000	2023
	5142357626 Critical Watermain Inspection Program 5142360072 Watermain Structural Lining	2,290,000 13,700,000	2,290,000 13,700,000	200,000 7,500,000	200,000 7,500,000	1,230,000 7.500.000	1,230,000 7.500.000	1,230,000 7,500.000	1,230,000 7,500,000	1,230,000 7,500,000	1,230,000 7,500.000	7,380,000 45,000,000	7,380,000 45.000.000	13,560,000 88,700,000	13,560,000 88,700,000	2023
	5142360330 Water Distribution Capital Repairs, Replacement		2,900,000	2,700,000	2,700,000	2,700,000	2,700,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	15,800,000	15,800,000	
	New Installation Parts						250,000	250.000	250,000	250,000	250,000	1,500,000	1,500,000	3,000,000	3,000,000	2023
	New Installation Parts 5142361741 Resetting or Adjusting of Water Utility Structures		500,000	250,000	250,000	250,000	250,000									
	New Installation Parts 5142361741 Resetting or Adjusting of Water Utility Structures 5142366712 Water Maintenance - Rebuild, Replacement and		500,000 800,000	250,000 500,000	250,000 500,000	250,000 500,000	500,000	500,000	500,000	500,000	500,000	3,200,000	3,200,000	6,000,000	6,000,000	2023
	New installation Parts 5142361741 Resetting or Adjusting of Water Utility Structures 5142366712 Gapital 5142366713 Water Maintenance - Rebuild, Replacement and I 5142366713 Water Maintenance Capital Program	New 800,000 5,500,000	800,000 5,500,000			500,000 2,000,000	500,000	500,000 2,000,000	500,000	500,000 2,000,000	500,000 2,000,000	3,200,000 12,000,000	3,200,000 12,000,000	25,500,000	25,500,000	2023
	New installation Parts 514236741 Resetting or Adjusting of Water Utility Structures 5142366742 Water Maintenance - Rebuild, Replacement and I Capital 5142367187 Bulk Water Maintenance Capital Program 5142367187 Bulk Water Stations Upgrades	New 800,000	800,000	500,000 2,000,000	500,000 2,000,000 -	500,000 2,000,000 1,250,000	500,000 2,000,000 1,250,000	2,000,000	2,000,000	2,000,000	2,000,000	12,000,000	12,000,000	25,500,000 1,650,000	25,500,000 1,650,000	2023 2023
	New installation Parts 5142361741 Resetting or Adjusting of Water Utility Structures 5142366712 Gapital 5142366713 Water Maintenance - Rebuild, Replacement and I 5142366713 Water Maintenance Capital Program	New 800,000 5,500,000	800,000 5,500,000	500,000	500,000	500,000 2,000,000	500,000							25,500,000	25,500,000	2023 2023 2024
	New Installation Parts 5142367471 Resetting or Adjusting of Water Utility Structures 5142366712 Water Maintenance - Rebuild, Replacement and I Capital 5142366713 Water Maintenance Capital Program 5142367187 Bulk Water Stations Upgrades 5142369075 City Environmental Lab Improvements Program 514236673 Woodward WTP - HLPS Large Valve Upgrades &	New 800,000 5,500,000 400,000 - 1,370,000	800,000 5,500,000 400,000	500,000 2,000,000 - 786,500	500,000 2,000,000 - 786,500	500,000 2,000,000 1,250,000 190,000	500,000 2,000,000 1,250,000 190,000	2,000,000 - 60,000	2,000,000	2,000,000	2,000,000	12,000,000	12,000,000	25,500,000 1,650,000 4,056,500	25,500,000 1,650,000 4,056,500	2023
	New installation Parts 5142367471 Resetting or Adjusting of Water Utility Structures 5142366712 Water Maintenance - Rebuild, Replacement and I 20142366713 Water Maintenance Capital Program 5142366713 Water Maintenance Capital Program 514236713 Buik Water Stations Upgrades 5142466450 Woodward WTP - HLPS Large Valve Upgrades & 5142466450 Sedimentation Tank Concrete Restorations 5142466710 Miscellaneous Roof Replacement at Hamilton Wa Facilities (Water) 514246771	New 800,000 5,500,000 400,000 - 1,370,000	800,000 5,500,000 400,000 - 1,370,000	500,000 2,000,000 - 786,500 2,150,000	500,000 2,000,000 786,500 2,150,000	500,000 2,000,000 1,250,000 190,000	500,000 2,000,000 1,250,000 190,000	2,000,000 - 60,000	2,000,000	2,000,000	2,000,000	12,000,000	12,000,000	25,500,000 1,650,000 4,056,500 17,820,000	25,500,000 1,650,000 4,056,500 17,820,000	2023 2023 2024 2024
	New Installation Parts 5142367474 Resetting or Adjusting of Water Utility Structures Water Maintenance - Rebuild, Replacement and I Capital 5142366713 Water Maintenance Capital Program 5142367137 Bulk Water Stations Upgrades 5142369075 City Environmental Lab Improvements Program Woodward WTP - HLPS Large Valve Upgrades & 5142466450 5142466450 5142466721 Siccellaneus Roof Replacement at Hamilton Water 5142467221 Scructural/Restoration Upgrades	New 800,000 5,500,000 400,000 - 1,370,000 tter 100,000 4,300,000	800,000 5,500,000 400,000 - 1,370,000 100,000	500,000 2,000,000 786,500 2,150,000 900,000	500,000 2,000,000 786,500 2,150,000 900,000	500,000 2,000,000 1,250,000 190,000 4,900,000	500,000 2,000,000 1,250,000 190,000 4,900,000	2,000,000 - 60,000 9,400,000 - 3,150,000	2,000,000 - 60,000 9,400,000 - 3,150,000	2,000,000	2,000,000	12,000,000	12,000,000 - 2,580,000 - - -	25,500,000 1,650,000 4,056,500 17,820,000 1,000,000 10,700,000	25,500,000 1,650,000 4,056,500 17,820,000 1,000,000	2023 2023 2024 2024 2024 2024
	New installation Parts 5142367471 Resetting or Adjusting of Water Utility Structures 5142366712 Water Maintenance - Rebuild, Replacement and I 20142366713 Water Maintenance Capital Program 5142366713 Water Maintenance Capital Program 514236713 Buik Water Stations Upgrades 5142466450 Woodward WTP - HLPS Large Valve Upgrades & 5142466450 Sedimentation Tank Concrete Restorations 5142466710 Miscellaneous Roof Replacement at Hamilton Wa Facilities (Water) 514246771	New 800,000 5,500,000 400,000 - 1,370,000 tter 100,000 4,300,000 les - 150,000	800,000 5,500,000 400,000 - 1,370,000 100,000	500,000 2,000,000 786,500 2,150,000 900,000	500,000 2,000,000 786,500 2,150,000 900,000	500,000 2,000,000 1,250,000 190,000 4,900,000	500,000 2,000,000 1,250,000 190,000 4,900,000	2,000,000 - 60,000 9,400,000 -	2,000,000 - 60,000 9,400,000 -	2,000,000 - 440,000 - - -	2,000,000 - 440,000 - - -	12,000,000 - 2,580,000 - - -	12,000,000	25,500,000 1,650,000 4,056,500 17,820,000 1,000,000	25,500,000 1,650,000 4,056,500 17,820,000 1,000,000 10,700,000	2023 2023 2024 2024 2024 2024 2024

Project Type	Project ID	Title	Pre	2025	20	25	20	26	20	27	202	28	Remai	ning	Project	Total	Start	End
			Gross	Net	Gross	Net	Gross	Net	Gross	Net	Gross	Net	Gross	Net	Gross	Net		
		utstation Upgrades - Asset Management	-		-	-	-	-	10,200,000	10,200,000	10.200.000	10,200,000	61,200,000	61,200,000	81,600,000	81.600.000	2023	2048
	Program										.,,		,,	,,				
	5142767752 HDT01 S		-	-	-	-	-	-	836,000	610,280	4,730,000 150,000	3,452,900 150,000	2,530,000	2,530,000	5,566,000 2,680,000	4,063,180 2,680,000	2027 2028	2028 2029
		al Watermain Lining - Charlton Ave 750mm nd Charlton Intersection			-	-		-			130,000	130,000	940.000	940.000	940.000	940,000	2028	2029
Rehabilitation / Renovation Total	5142501500 James a		151.846.080	110.281.629	47.268.500	38.948.500	49,003,500	37,910,845	86.553.000	76,266,880	94,987,000	93,684,900		420,534,000	850,217,080	777,626,754		
			. ,,	., . ,	, ,		.,,						.,,	.,,	,			
	5141567273 Main / V	Vhitney Pumping Station Replacement and	2,320,000	2,320,000	500.000	500,000	4,520,000	4,520,000	3,300,000	3,300,000	-	-	-	-	10,640,000	10,640,000	2015	2027
Replacement	Decomm	nissioning	2,520,000	2,520,000	500,000	500,000	4,520,000	4,520,000	3,500,000	3,500,000					10,040,000	10,040,000	2015	2027
		A (Governors @ Huntingwood) Rebuild with	4,880,000	1,040,000	-	-	-	-	4,350,000	1,087,500	645,000	161,250	-	-	9,875,000	2,288,750	2015	2028
		Upgrade & Standby Power Installation (W-04) nurch Feedermain (W-24) - CASH FLOW	25,300,000		20,000,000		8,000,000								53,300,000		2015	2026
		P-Treatment Isolation Valves	3,455,000	3,455,000	3,950,000	3,950,000	8,000,000	-	-	-	-	-	-	-	7,405,000	7,405,000	2015	2026
		ervice Contract Program	465,000	465,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	1,200,000	1,200,000	2,465,000	2,465,000	1905	1905
	5142360080 Valve Re		6,422,000	6,422,000	2,500,000	2,500,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	12,000,000	12,000,000	26,922,000	26,922,000	2023	2049
		tal Water Consumption Program			250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	1,500,000	1,500,000	2,500,000	2,500,000	2024	2049
	5142360750 Unsched	luled Valve, Hydrant, Watermain & Misc Water	8,250,000	8,250,000	3,000,000	3,000,000	3,750,000	3,750,000	3,750,000	3,750,000	3,750,000	3,750,000	22,500,000	22,500,000	45,000,000	45,000,000	2023	2049
	Replace	Program	8,230,000	8,230,000	3,000,000	3,000,000	3,730,000	3,730,000	3,730,000	3,730,000		3,730,000	22,300,000				2025	2045
		one Watermain Replacement	-	-	-	-	-	-	-	-	500,000	500,000	9,000,000	9,000,000	9,500,000	9,500,000	2023	2049
		dard Water Service Replacement Program	5,000,000	5,000,000	2,350,000	2,350,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	15,000,000	15,000,000	29,850,000	29,850,000	2023	2049
	5142366151 SCADA N		550,000	550,000	900,000	900,000	275,000	275,000	1,400,000	1,400,000	150,000	150,000	900,000	900,000	4,175,000	4,175,000		2046
	5142366510 GAC Rep		-	-	-	-	-	-	600,000	600,000	6,000,000	6,000,000	-	-	6,600,000	6,600,000		2032
		ency for Unscheduled Works Program IVAC Maintenance Program	100,000	100,000	100,000	100,000	200,000	200,000	200,000 75,000	200,000 75,000	200,000 75,000	200,000 75,000	1,200,000 450,000	1,200,000 450,000	2,000,000 600,000	2,000,000 600,000	2023 2027	2049 2048
	Main Str	eet East and Ottawa St - London Street to	-	-	-	-	-	-	73,000	75,000	73,000	73,000	430,000	430,000		000,000		
		or Avenue	-	-	10,500	-	-	-	-	-	-	-	-	-	10,500	-	2025	2025
	5142561301 Robinson		-	-	100.000	100,000	1,500,000	1,500,000	-	-	-	-	-	-	1,600,000	1,600,000	2021	2026
		Upper Gage to West End	-	-	100,000	100,000	1,430,000	1,430,000	-	-	-	-	-	-	1,530,000	1,530,000	2025	2026
	5142561309 Myler - 5	Sanford to Milton/Milton - Barton to Princess	-	-	1,100,000	1,100,000	· · ·	· · ·	-	-	-	-	-	-	1,100,000	1,100,000	2024	2026
	5142660311 George -		-	-	-	-	100,000	100,000	430,000	430,000	-	-	-	-	530,000	530,000	2026	2027
	5142661302 Church -		-	-	-	-	150,000	150,000	1,250,000	1,250,000	-	-	-	-	1,400,000	1,400,000	2026	2027
	5142661306 Amelia -		-	-	-	-	70,000	70,000	490,000	490,000	-	-	-	-	560,000	560,000	2026	2027
		ard Treatment Plant to Main St E	-	-	-	-	500,000	500,000	-	-	8,500,000	8,500,000	8,500,000	8,500,000	17,500,000	17,500,000	2026	2029
		& Chatham - Dundurn to Locke	-	-	-	-	150,000	150,000	1,300,000	1,300,000	-	-	-	-	1,450,000	1,450,000		2027
		ain Replacement under Rail Tracks at Ferguson	-	-	-	-	300,000	300,000	-	-	-	-	-	-	300,000	300,000		2026
	5142761301 Edgemo		-	-	-	-	-	-	120,000 200.000	120,000	800,000 1.400.000	800,000	-	-	920,000 1.600.000	920,000	2027 2027	2028 2028
	5142761302 Stroud -	Main to Baxter - Barnesdale to Lottridge	-	-	-	-	-	-	100,000	200,000 100,000	1,400,000	1,400,000 500,000	-	-	1,600,000	1,600,000 600,000	2027	2028
	5142761303 Edward				-	-		-	50,000	50,000	500,000	500,000			550,000	550,000	2027	2028
		ew - Falling Brook to Brookview	-		-	-	-	-	200,000	200,000	1,400,000	1,400,000	-		1,600,000	1,600,000	2027	2028
		n - Whitney to 100m n/o Ward	-	-	-	-	-	-	-	-	200,000	200,000	1,200,000	1,200,000	1,400,000	1,400,000		2029
	5142861302 Ashley -		-	-	-	-	-	-	-	-	200.000	200,000	500,000	500,000	700,000	700,000		2029
		Freen - King to Faircourt	-	-	-	-	-	-	-	-	200,000	200,000	700,000	700,000	900,000	900,000	2028	2029
	5142861305 John - Ca		-	-	-	-	-	-	-	-	1,500,000	1,500,000	-	-	1,500,000	1,500,000		2028
	5142961301 Clinton\(Case\Ruth\Barnesdale	-	-	-	-	-	-	-	-	-	-	1,810,000	1,810,000	1,810,000	1,810,000		2029
		e - Highland Park to Creighton, Mayfair -	-										1,600,000	1,600,000	1,600,000	1,600,000	2029	2030
	Lynndale																	
		- Herkimer to Robinson	-		-	-	-	-	-	-		-	760,000	760,000	760,000	760,000		2030
Parlament Tabl	5143060310 Princess	/Westinghouse/Milton/Fullerton/Gibson/Earl	-	-	-	-	-	-	-	-	-	-	4,200,000	4,200,000	4,200,000	4,200,000	2030	2030
Replacement Total			56,742,000	27,602,000	35,060,500	15,050,000	25,895,000	17,895,000	22,765,000	19,502,500	31,470,000	30,986,250	83,020,000	83,020,000	254,952,500	194,055,750		
Safety/ Security	5142266351 Woodw:	ard SCADA Cybersecurity Program	325,000	325,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	1,200,000	1,200,000	2,325,000	2,325,000	2022	2048
		n Water Capital Security Plan	3,220,000	3,220,000	790,000	790,000	450,000	450,000	10,000	10,000	25,000	25,000	45,000	45,000	4,540,000	4,540,000	2022	2031
		g Upgrades Hamilton Water Facilities (Water)	-	-	137,500	100,374	715,000	521,950	-	-		-		-	852,500	622,324		2026
	Eall Prot	ection Upgrades at Hamilton Water Facilities																
	5142566002 (Water)		-	-	110,000	80,300	275,000	200,750	-	-	-	-	-	-	385,000	281,050	1905	1905
Safety/ Security Total			3,545,000	3,545,000	1,237,500	1,170,674	1,640,000	1,372,700	210,000	210,000	225,000	225,000	1,245,000	1,245,000	8,102,500	7,768,374		
Staffing Costs	5142301099 Engineer	ring Services Staffing Costs - Water	9,250,000	9,250,000	4,500,000	4,500,000	4,500,000	4,500,000	4,500,000	4,500,000	4,500,000	4,500,000	27,000,000	27,000,000	54,250,000	54,250,000	2023	2049
Staffing Costs Total			9,250,000	9,250,000	4,500,000	4,500,000	4,500,000	4,500,000	4,500,000	4,500,000	4,500,000	4,500,000	27,000,000	27,000,000	54,250,000	54,250,000		
Grand Total			314 102 560	194.035.109	132 523 500	88 2/10 77/	154 511 000	106 530 445	213 131 500	166 871 390	248 266 500	216 368 150	1 052 225 070	828 249 505	2,114,761,120	1 600 304 262		
Grand Total			514,102,300	104,000,109	132,323,300	00,245,774	104,011,090	100,000,440	213,131,300	100,071,380	2-10,200,300	210,300,130	1,032,223,370	020,245,303	2,114,/01,120	1,000,004,303		

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Appendix "M" to Report FCS24055 Page 1 of 1

SOURCE OF CAPITAL FINANCING 2025 to 2034 RATE PROGRAM CAPITAL BUDGET \$(000'S)

	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2025 to 2034
WASTEWATER											
Capital Program	107,796	198,168	323,084	304,482	294,717	183,117	105,700	135,051	232,146	185,292	2,069,553
Source of Funding											
Subsidy/Other Revenue	1,890	9,684	21,623	12,568	10,498	11,098	10,648	9,028	4,937	101	92,072
Development Charges	13,564	80,145	132,818	126,069	122,750	68,628	2,520	2,362	7,860	4,839	561,554
Reserves & Other Internal Sources	-	4,250	5,250	5,250	1,150	-	-	-	-	-	15,900
Contribution from Operating	66,360	70,831	69,799	60,596	82,319	83,391	82,032	123,660	219,349	180,353	1,038,690
External Debt	25,983	33,259	93,595	100,000	78,000	20,000	10,500	-	-	-	361,337
Total	107,796	198,168	323,084	304,482	294,717	183,117	105,700	135,051	232,146	185,292	2,069,553

City of Hamilton Wastewater System 2025 Capital Budget Project List (\$)

										Financing S	ources
Project Type	Project ID	Project Title	Gross Costs	Grants and Subsidies	Other External Revenue	Development Charge	Reserves	WIP	Net Cost	From Operating	External Debt
Coordinated - Replacement	5162371015	Sewer Lateral Replacement for Co-ordinated Projects	500,000						500,000	500,000	
coordinated - Replacement		Scenic - Chateau to Goulding (Phase 2) & Goulding to Upper		-	-	-	-	-			-
	5162571308	Paradise (Phase 3)	100,000	-	-	-	-	-	100,000	100,000	-
	5162571312	Aberdeen - Queen to Studholme & Dundurn - Aberdeen to Hill	150,000	-	-	-	-	-	150,000	150,000	-
Coordinated - Replacement Total			750,000	-	-	-	-	-	750,000	750,000	-
	54 635 635 33		500.000							500.000	
Coordinated - Upgrade Coordinated - Upgrade Total	5162568520	Fennell/Greenhill Drop Structure Twinning - CASH FLOW	500,000			-			500,000	500,000 500,000	
coordinated - Opgrade Total			500,000	-		-			500,000	500,000	
Enhancement	5162360303	Rosemary/Wentworth Regulator Gate (HCG03)	55,000	-		-	-	-	55,000	55,000	-
	5162362315	Eastport Sanitary Pumping Station Upgrades - Linear	910,000	-	-	-	-	-	910,000	910,000	-
	5162367117	HCG14 Wellington Street North Burlington Street East Regulator	100,000	-	-	-			100,000	100,000	
		Upgrade									
Enhancement Total	5162467374	HC058 Binbrook SPS Odour Control	440,000		-	-	-	-	440,000	440,000 1,505,000	-
			1,303,000	-		-			1,303,000	1,303,000	
Expansion / Extension	5161966102	Woodward WWTP - Expansion (CASH FLOWED)	8,385,000	-		7,951,496	-	-	433,505	433,505	-
	5162280283	370 Garner Road Pumping Station (AEGD)	1,853,000		1,853,000	-	-	-	-	-	-
	5162396011	Intensification Infrastructure Upgrades Program - Wastewater	400,000	-	-	200,000	-	-	200,000	200,000	-
	5162467373	HC005 Old Dundas Rd SPS Capacity Expansion	550,000	-	-	-	-	-	550,000	-	550,000
Expansion / Extension Total			11,188,000	-	1,853,000	8,151,496	-	-	1,183,505	633,505	550,000
		Capital Infrastructure Inspection & Condition Assessment									
Feasibility Plans / EA's/ Studies	5160055470	Program – Linear Wastewater & Storm	4,000,000	-	-	-	-	-	4,000,000	4,000,000	-
	5161955955	Inflow & Infiltration Studies and Control Program	450,000	-	-	225,000	-	-	225,000	225,000	-
	5162055800	Sewer Outfall Monitoring Study	1,100,000	-	-	-	-	-	1,100,000	1,100,000	-
	5162349555	QA-QC Service Contract Program	200,000	-	-	-	-	-	200,000	200,000	-
	5162355010	Wastewater Systems Planning	750,000	-	-	562,500	-	-	187,500	187,500	-
	5162355022	Engineering Consultant Sewermain Projects	200,000	-	-	-	-	-	200,000	200,000	-
	5162355556 5162355880	Mapping Update Program Inflow & Inflitration Studies and Flow Monitoring Program	40,000	-	-	- 1,430,000	-	-	40,000	40,000	-
	5162355880	Wastewater Computer Model Update & Maintenance	1,430,000 330,000	-	-	1,430,000			- 330,000	- 330,000	
	5162366711	Wastewater Treatment Studies Program	450,000				_	-	450,000	450,000	_
		Wastewater Outstation Inspections - Asset Management									
	5162367752	Program	720,000	-	-	-	-	-	720,000	720,000	-
	5162455789	Plant Maintenance and Reliability Studies	150,000	-	-	-	-	-	150,000	150,000	-
	5162562543	CSO Characterization Program	700,000	-	-	-	-	-	700,000	700,000	-
Feasibility Plans / EA's/ Studies Total			10,520,000	-	-	2,217,500	-	-	8,302,500	8,302,500	-
Licenses	5162362073	Field Data Systems Program	110,000	_					110,000	110,000	
Licenses Total	5102502075		110,000	-		-	-		110,000	110,000	
			.,								
Network Extension	5162380381	Binbrook Sanitary Sewer - Fletcher to Brigham	402,000	-	-	402,000	-	-	-	-	-
	5162580520	Binbrook - Trinity Church to Fletcher (Binbrook/Glanbrook	320,000	-		320,000			-	-	
		Recreation Centre Servicing)									
	5162580582	South Service Rd Sanitary Sewer - 50m east of Fifty Rd to 500m east.	531,000		-	531,000	-	-	-	-	-
Network Extension Total		east.	1,253,000			1,253,000		-	-	-	-
			1,200,000			1,200,000					
New	5161667421	New Haulage Receiving Station	150,000	-	-	-	-	-	150,000	150,000	-
New Total			150,000	-	-	-	-	-	150,000	150,000	-
	5160060471	Capital Infrastructure Renewal Program – Linear Wastewater &	7,950,000	-	-	-		-	7,950,000	7,950,000	
Rehabilitation / Renovation	5160966910	Storm Woodward WWTP - Biosolids Management Facility	2,770,000	_	_	1,049,830		-	1,720,170	1,720,170	
		Woodward WWTP - Biosolids Management Facility Woodward WWTP - Biosolids Management Facility - variance		-	-	1,049,830	-	-	1,720,170	1,720,170	-
	5160966911	capital improvements	1,950,000	-	-	-	-	-	1,950,000	1,950,000	-
	5161266213	Dundas WWTP Improvements (CASH FLOWED)	2,881,250	-	-		-	-	2,881,250	2,881,250	
	5161267273	Dundas Wastewater Outstations Upgrades	2,000,000	-	-	-	-	-	2,000,000	2,000,000	-
	5161467756	Greenhill & Cochrane HCS01 Combined Sewer Overflow Tank	1,200,000						1,200,000	1,200,000	
	510140//50	Cleaning & Upgrades (CASH FLOWED)	1,200,000	-	-	-	-	-	1,200,000	1,200,000	-

City of Hamilton Wastewater System 2025 Capital Budget Project List (\$)

										Financing	Sources
Project Type	Project ID	Project Title	Gross Costs	Grants and Subsidies	Other External Revenue	Development Charge	Reserves	WIP	Net Cost	From Operating	External Deb
	5161667622		165,000		-	82,500		-	82,500	82,500	-
		FC001, DC009 & HC011 Wastewater Pumping Stations Upgrades				,					
	5161966511	Woodward WWTP - Digester 3 & 5 (CASH FLOWED)	150,000	-	-	-	-	-	150,000	,	-
	5162066813	Dundas WWTP - Health & Safety Immediate Needs	275,000	-	-	-	-	-	275,000		-
	5162067065	Eastport Drive SPS (HC017) Interim Upgrades	2,150,000	-	-	-	-	-	2,150,000	2,150,000	-
	5162067420	Main & King CSO Rehabilitation	1,000,000	-	-	-	-	-	1,000,000	1,000,000	-
	5162067425	Hillside SPS (DC006) Upgrades	275,000	-	-	-	-	-	275,000	275,000	-
	5162266911	Woodward WWTP - North Digester Complex Rehabilitation (CASH FLOW)	1,680,000	-	-	-	-	-	1,680,000	1,680,000	-
	5162311101	Road Cut Restoration Program	2,300,000	-		-	-	-	2,300,000	2,300,000	-
	5162360302	Cross Connections Program	100,000	-	-	-	-	-	100,000	100,000	-
	5162360522	Sewer Lateral Management Program (WWC)	3,000,000	-	-	-	-	-	3,000,000	3,000,000	-
	5162361741	Resetting or Adjusting of Wastewater Utility Structures	250,000	-	-	-	-	-	250,000	250,000	-
	5162366223	Dundas WWTP Immediate Needs	3,950,000	-		-	-	-	3,950,000	3,950,000	-
	5162366420	Woodward WWTP - Primary Clarifiers (Galleries 1-8)	17,950,000	-	-	-	-	-	17,950,000	-	17,950,000
	5162366712	Wastewater Maintenance - Rebuild, Replacement and New Capital	1,200,000	-	-	-	-	-	1,200,000	1,200,000	-
	5162366713	Wastewater Capital Maintenance Program	4,000,000	-	-	-	-	-	4,000,000	4,000,000	-
	5162367425	Beach Boulevard (HC031) Wastewater Pumping Station Upgrades	935,000	-	-	-	-	-	935,000	935,000	-
	5162369075	City Environmental Lab Improvements Program	186,500	-		-	-	-	186,500	186,500	-
	5162460592	Strathearne - Barton to Brampton	500,000	-		-	-	-	500,000		483,061
	5162461401	Mountain Industrial Trunk Sewer Rehab - Glover to Rymal	7,000,000		-	-	-	-	7,000,000		7,000,000
	5162466220	Dundas WWTP Digester Storage Tank Upgrades	4,600,000				-		4,600,000	4,600,000	-
	5162467586	HC017 Eastport Underground Diesel Storage Tank	50,000						50,000		-
	5162561420	West 31st 400mm Forcemain Replacement & Rehabilitation	250,000						250,000		
	5162561601	Large Sewer Lining - Claremont Access to James St S	35,000						35,000		-
	5162566003	New Changeroom Facilities at Dundas WWTP	825,000			222,750		_	602,250	602,250	_
	5162567470	DC008 King Street East SPS Upgrades	770,000	-	-	222,750	-	-	770,000	770.000	-
Rehabilitation / Renovation Total	5102507470	Debbs king Street Last SF3 Opgrades	72,347,750			1,355,080			70,992,670	45,559,609	25,433,061
			72,547,750			1,353,000			10,552,010	+3,333,003	23,433,001
Replacement	5162360711	PW Capital Water Consumption Program	250,000	-	-	-	-	-	250,000	250,000	-
	5162360820	Open Cut Repairs for CIPP Program	650,000	-	-	-	-	-	650,000	650,000	-
	5162361740	Unscheduled Manhole and Sewermain Replacement Program	550,000	-	-	-	-	-	550,000	550,000	-
	5162366151	SCADA Maintenance Program	900,000		-	-	-	-	900,000	900,000	-
	5162371074	Contingency for Unscheduled Works Program	200,000	-	-		-	-	200,000	200,000	-
	5162566710	Miscellaneous Roof Replacement at Hamilton Water Facilities (Wastewater)	935,000	-	-	252,450	-	-	682,550		-
	5162567001	Combined Sewer Overflow Tank Clean Out at HCS04	1,100,000			297,000	-		803,000	803,000	-
		Locke - King To York and Margaret - Main To King And King St -				257,000					
	5162596850	Margaret To Locke (W-19)	50,000	36,500	-	-	-	-	13,500	13,500	-
Replacement Total			4,635,000	36,500	-	549,450	-	-	4,049,050	4,049,050	-
Safety/ Security	5162266351	Woodward SCADA Cybersecurity Program	200,000	-	-			-	200,000	200,000	
Survey, Security	5162566001	Guarding Upgrades Hamilton Water Facilities (Wastewater)	137,500			37,126			100,374	100,374	-
Safety/ Security Total	5102500001	Guarding Opgrades Hamilton Water Facilities (Wastewater)	337,500			37,126			300,374		-
			,			- ,			,		
Staffing Costs	5162301099	Engineering Services Staffing Costs - Wastewater	4,500,000	-	-	-	-	-	4,500,000	4,500,000	-
Staffing Costs Total			4,500,000	-	-	-	-	-	4,500,000	4,500,000	-

roject Type	Project ID	Title	Pre 20		2025		2026		2027		2028		Remain		Project T	
oordinated - Network Extension	5162680480	Garner Road - Highway 6 to e/o Glancaster (AEGD)	Gross	<u>Net</u>	Gross	Net -	Gross 100,000	Net -	Gross 100,000	Net -	<u>Gross</u> 2,000,000	Net -	Gross	Net -	<u>Gross</u> 2,200,000	<u>Net</u> <u>Yea</u> - 2020
	5162680680	Jonas Sanitary Source: 350m south of Parton to 300m						48.000			_,,					
		south	-	-	-	-	489,000	48,900	-	-	-		-	-	489,000	48,900 2020
	5163480591	Book - Southcote to Smith (AEGD)	-	-	-	-	-	-	-	-	-	-	1,183,000	-	1,183,000	- 2034
ordinated - Network Extension Total			-	-	-	-	589,000	48,900	100,000	-	2,000,000		1,183,000	-	3,872,000	48,900
ordinated - Rehabilitation	5163171228	Rennie - Woodward to East End		-	-	-	-	-	-		-	-	130,000	130,000	130,000	130,000 190
ordinated - Rehabilitation Total				-	-	-	-	-	-	-			130,000	130,000	130,000	130,000
		Cleanarie (Haderbill / Cleanu Hallou / Wilmer (Verb														
ordinated - Replacement	5162272205	Glenmorris / Underhill / Sleepy Hollow / Wilmar (York Heights / Hunter NBHD)	150,000	(1,100,000)	-	-	-	-	-	-	1,100,000	1,100,000	-	-	1,250,000	- 190
	5162371015	Sewer Lateral Replacement for Co-ordinated Projects	1,404,000	1,250,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	3,000,000	3,000,000	6,404,000	6,250,000 190
	5162471307		30,000	30,000	-		270,000	270,000	-	-	-		-	-	300,000	300,000 2024
	5102471507	Duke - Hess to west end & Robinson - Queen to west end	50,000	50,000			270,000	270,000							500,000	500,000 202
	5162571308	Scenic - Chateau to Goulding (Phase 2) & Goulding to Upper Paradise (Phase 3)	-	-	100,000	100,000	1,350,000	1,350,000	-	-	-	-	-	-	1,450,000	1,450,000 2024
		Aberdeen - Queen to Studbolme & Dundurn - Aberdeen to														
	5162571312	niii	-	-	150,000	150,000	-	-	-	-	1,500,000	1,500,000	-	-	1,650,000	1,650,000 202
	5162672214	Westdale North Neighbourhood Phase 1	-	-	-	-	120,000	120,000	1,590,000	1,590,000	-		-	-	1,710,000	1,710,000 2020
	5162771027	Beach - Ottawa to Kenilworth, Dofasco - Beach to Kenilworth, & Ottawa - Barton to Beach - CASH FLOW	-	-	-	-	-		80,000	80,000	-		-	-	80,000	80,000 202
	5162771108	Rymal - Glancaster to Upper Paradise		-	-	-	-		50,000	50,000			-		50,000	50,000 202
		Westdale North Neighbourhood Phase 2	-	-	-	-	-		50,000	50,000	750,000	750,000	-	-	800,000	800,000 202
	5162771305	Upper James - Mohawk to Fennell	-	-	-	-	-	-	330,000	330,000	-	-	-	-	330,000	330,000 202
	5162771322	Barton - Sherman to Ottawa	-	-	-	-	-	-	60,000	60,000	850,000	850,000	-	-	910,000	910,000 202
	5162871113	Westdale North Neighbourhood Phase 3	-	-	-	-	-	-	-	-	50,000	50,000	750,000	750,000	800,000	800,000 202
		Edgemont - Main to King	-	-	-	-	-	-	-	-	160,000	160,000	-	-	160,000	160,000 202
		Bold - Queen to Locke	-	-	-	-	-	-	-	-	140,000	140,000	-	-	140,000	140,000 202
		Fennell - Upper James to Upper Wellington	-	-	-	-	-	-	-	-	150,000	150,000	-	-	150,000	150,000 202
	5162971306	Dundurn - CPR bridge (s/o Main St) to King	-	-	-	-	-	-	-	-	-	-	145,000	145,000	145,000	145,000 202
	5162971308	Stipley Neighbourhood (South) - Connaught / Balasm /	-	-	-	-	-	-	-	-	-	-	90,000	90,000	90,000	90,000 202
	E162071E00	Dunsmure Gray - King to Hwy 8											300,000	300,000	300,000	300,000 202
		Charlton - Ferguson to Sherman Access		-	-	-	-	-	-		-	-	200,000	200,000	200,000	200,000 203
		Simcon Jamos to Wallington & Hughson Strachan to														
	5163071201	Simcoe	-	-	-	-	-	-	-	-		-	400,000	400,000	400,000	400,000 203
	5163071202			-	-	-	-		-	-		-	400,000	400,000	400,000	400,000 203
		Hughson - Sincoe to Brock & Wood - James to Hughson														
		Ferguson/Foster/Walnut/Patrick/Charlton/James	-	-	-	-	-	-	-	-	-	-	1,500,000	1,500,000	1,500,000	1,500,000 203
		Burlington & Industrial - Ottawa to Kenilworth	-	-	-	-	-	-	-	-	-	-	760,000	760,000	760,000	760,000 20
	51630/1312	Cairns / Spencer / (Hunter Neighbourhood) Florence/Head/Morden/Napier/Nelson/Peel/Wellesley	-	-	-	-	-	-	-	-	-	-	100,000	100,000	100,000	100,000 20
	5163071313	(Strathcona Neighbourhood)	-	-	-	-	-	-	-	-	-	-	310,000	310,000	310,000	310,000 20
	5163171020	Sanford - Cannon to Barton									_	_	20,000	20,000	20,000	20,000 20
		Brucedale - Upper Gage to Upper Ottawa				-					-		170,000	170,000	170,000	170,000 20
		Wentworth - Barton to Burlington			-	-		-	-		-	-	250,000	250,000	250,000	250,000 20
		Pinelands / Teal / Garden / Community / Greensfield			-	-		-	-		-	-	130,000	130,000	130,000	130,000 19
		Green - Carla to Barton			-	-		-	-		-	-	300,000	300,000	300,000	300,000 19
		Nash – Barton to 350 metres north of Bancroft			-	-		-	-		-	-	100,000	100,000	100,000	100,000 20
		Arvin - Dosco to Jones	-	-	-	-	-	-	-	-	-	-	250,000	250,000	250,000	250,000 19
	5163171305	Carling / Clop / Macklin St S / Olmstoad / Topo (Mostdalo														
	51031/1305	South)	-	-	-	-	-	-	-	-	-	-	90,000	90,000	90,000	90,000 19
		Oak/Emerald/East Ave - Cannon to Barton	-	-	-	-	-	-	-	-	-	-	440,000	440,000	440,000	440,000 20
	5163171313	Oxford / Tecumseh (Strathcona Neighbourhood)	-	-	-	-	-	-	-	-	-	-	420,000	420,000	420,000	420,000 203
	5163171314	Brampton - Parkdale to Woodward & Brighton - Brampton to Morley	-	-	-	-	-	-	-	-	-	-	150,000	150,000	150,000	150,000 20
inated - Replacement Total		to Money	1,584,000	180,000	750,000	750,000	2,240,000	2,240,000	2,660,000	2,660,000	5,200,000	5,200,000	10,275,000	10,275,000	22,709,000	21,305,000
			_)== !)===		,	,			_,,	_,,	-))	0,200,000			,,	
inated Replacement (50/50)	5163171303	Hughson - Wilson to Barton	-	-	-	-	-	-	-	-	-		150,000	150,000	150,000	150,000 19
nated Replacement (50/50) Total			-	-	-	-	-	-	-	-	-	-	150,000	150,000	150,000	150,000
	5162568520				500,000	500,000	300,000	300,000			10,000,000	10,000,000	20,000,000	20,000,000	30,800,000	30,800,000 20
dinated - Upgrade	5102508520	Fennell/Greenhill Drop Structure Twinning - CASH FLOW		-					-	-						
linated - Upgrade Total			-	-	500,000	500,000	300,000	300,000	-	-	10,000,000	10,000,000	20,000,000	20,000,000	30,800,000	30,800,000
lition / Disposal	5161767772	Decommissioning Aberdeen Sewage Pumping Station	60,000	60,000	-		-		-	-	140,000	140,000	1,440,000	1,440,000	1,640,000	1,640,000 20
		Pier 25 Dredging - Windermere Basin	-	-	-	-	-	-	200,000	200,000	450,000	450,000	13,100,000	13,100,000	13,750,000	13,750,000 20
											,	,				
	5163066511	Program	-	-	-	-	-	-	-	-	-	-	4,750,000	4,750,000	4,750,000	4,750,000 20
ition / Disposal Total			60,000	60,000	-	-	-	-	200,000	200,000	590,000	590,000	19,290,000	19,290,000	20,140,000	20,140,000
romont	5163360757	Lower Chedoke Combined EA Study	1 030 000				1,100,000		2 100 000		2 100 000				7 220 000	- 19
cement			1,930,000	-	-	-		-	2,100,000	-	2,100,000	-	-	-	7,230,000	
		Chedoke Watershed Stormwater Retrofit EA Study Rosemany/Wentworth Regulator Gate (HCG03)	1,380,000	- 300 000	-	-	3,150,000	-	3,150,000	-	3,150,000		1,150,000	-	11,980,000	- 20
		Rosemary/Wentworth Regulator Gate (HCG03)	300,000	300,000	55,000	55,000 910,000	-	-	- 2,690,000	- 2,690,000	- 2,770,000	- 2,770,000	-	-	355,000 6,370,000	355,000 202 6,370,000 202
		Eastnort Sanitany Rumping Station Upgrados Linear														
	5162362315	Eastport Sanitary Pumping Station Upgrades - Linear HCG14 Wellington Street North Burlington Street Fast	-	-	910,000		-	-	2,690,000	2,690,000	2,770,000	2,770,000	-	-		
		HCC14 Wallington Street North Burlington Street Fact	- 830,000	- 830,000	100,000	100,000	-	-	-	-	-	-	-	-	930,000	930,000 202

Project Type	Project ID	Title	Pre 2	025	202	5	202	6	202	27	202	8	Remai	0	Project	Total	<u>Start</u> En
		Contraction (Contraction (COC) Harrison doubted as the	Gross	Net	Gross	Net	Gross	Net	Gross	Net	Gross	Net	Gross	Net	Gross	Net	Year Yea
	5162780701	Sanitary Pumping Station (SPS) Upgrades due to Intensification	-	-	-	-	-	-	4,000,000	-	-	-	8,000,000	-	12,000,000	-	1905 19
	5162780780	Sanitary Pumping Station (SPS) Upgrades due to	-			-			4,000,000	2.000.000		-	8.000.000	4.000.000	12.000.000	6.000.000	1905 19
Enhancement Total	5102700700	Intensification	4,790,000	1,480,000	1,505,000	1,505,000	4,250,000		15,940,000	4,690,000	8,020,000	2,770,000	17,150,000	4,000,000	51,655,000	14,445,000	
			4,790,000	1,480,000	1,505,000	1,505,000	4,250,000	-	15,940,000	4,090,000	8,020,000	2,770,000	17,150,000	4,000,000	51,655,000	14,445,000	
Expansion / Extension		Woodward WWTP - Expansion (CASH FLOWED)	27,628,000	2,043,900	8,385,000	433,505	59,157,000	3,058,417	111,057,000	5,741,647	111,057,000	5,741,647	170,214,000	8,800,064	487,498,000	25,819,179	
		370 Garner Road Pumping Station (AEGD) Intensification Infrastructure Upgrades Program -	3,500,000	-	1,853,000	-	-	-	-	-	-	-	-	-	5,353,000	-	2022 20
	5162396011	Wastewater	400,000	200,000	400,000	200,000	-	-	400,000	200,000	-	-	1,200,000	600,000	2,400,000	1,200,000	2023 20
		HC005 Old Dundas Rd SPS Capacity Expansion	200,000	200,000	550,000	550,000	3,050,000	3,050,000	2,550,000	2,550,000	-	-	-	-	6,350,000		2024 20
Expansion / Extension Total	5162696475	Flooding & Drainage Master Plan Capital Forecast	- 31,728,000	- 2,443,900	- 11,188,000	- 1,183,505	- 62,207,000	6.108.417	9,310,000 123,317,000	9,310,000 17,801,647	9,590,000 120,647,000	9,590,000 15,331,647	9,880,000 181,294,000	9,880,000 19,280,064	28,780,000 530,381,000	28,780,000 62,149,179	2027 20
			51,720,000	2,445,500	11,100,000	1,105,505	02,207,000	0,100,417	125,517,000	17,001,047	120,047,000	15,551,047	101,234,000	13,200,004	550,581,000	02,145,175	
	5160055470	Capital Infrastructure Inspection & Condition Assessment Program – Linear Wastewater & Storm	2,500,000	2,500,000	4,000,000	4,000,000	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000	36,000,000	36,000,000	60,500,000	60,500,000	2024 20
Feasibility Plans / EA's/ Studies	5161555264	City-Wide Wastewater Master Plan	1,230,000	590,000	-	-	-	-	-	-	700,000	-	-	-	1,930,000	590.000	2015 20
	5161695747	Battlefield Trunk Sewer Twinning (WW-33) (CASH	22.650.000	-			15,000,000		15,000,000		15,000,000		15.000.000		82,650,000	_	2016 20
		FLOWED)	,,	-	-	-	13,000,000		13,000,000		13,000,000		13,000,000			-	
		Inflow & Infiltration Studies and Control Program Sewer Outfall Monitoring Study	500,000 1.150.000	350,000 1.150.000	450,000 1,100,000	225,000 1,100,000	3.400.000	3.400.000	-	-	-		-	-	950,000 5.650.000		2019 20
		Flooding & Drainage Master Plan Capital Improvements	1,940,000	1,940,000			520,000	34,000	210,000	210,000	-		-	-	2,670,000	2,184,000	2020 20
		Ainslie Wood Sewer Improvements	880,000	880,000	-	-	-	-	550,000	550,000	1,100,000	1,100,000	-	-	2,530,000		2022 20
		QA-QC Service Contract Program	495,000	495,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	1,200,000	1,200,000	2,495,000	_,,	2023 20
		Wastewater Systems Planning Engineering Consultant Sewermain Projects	1,440,000 500,000	1,440,000 500,000	750,000 200,000	187,500 200,000	770,000 300,000	192,500 300,000	800,000 300,000	200,000 300,000	830,000 300,000	207,500 300,000	4,500,000 1,800,000	1,125,000 1,800,000	9,090,000 3,400,000		2023 20
		Mapping Update Program	136,000	136,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	240,000	240,000	536,000		2023 20
	5162355880		2,370,000	1,185,000	1,430,000	-	1,430,000	-	500,000		520,000		2,840,000		9,090,000	1,185,000	2023 20
		Inflow & Inflitration Studies and Flow Monitoring Program Wastewater Computer Model Update & Maintenance	980.000	980.000	330.000	330.000	220.000	220.000	230.000	230.000	240.000	240.000	1.400.000	1.400.000	3,400,000		2023 20
		Wastewater Treatment Studies Program	300,000	300,000	450,000	450,000	450,000	450,000	300,000	300,000	450,000	450,000	2,400,000	2,400,000	4,350,000	-,,	2023 20
	5162367752	Wastewater Outstation Inspections - Asset Management	1,620,000	1,620,000	720.000	720,000	1,030,000	1.030.000	1,120,000	1.120.000	1,150,000	1,150,000	6,240,000	6,240,000	11,880,000		2023 20
		Program			.,			,,		, ,,						,,	
		Plant Maintenance and Reliability Studies CSO Characterization Program	150,000 560,000	150,000 560,000	150,000 700,000	150,000 700,000	150,000 220,000	150,000 220,000	150,000 230,000	150,000 230,000	150,000 240,000	150,000 240,000	900,000 1,060,000	900,000 1,060,000	1,650,000 3,010,000		1905 19 1905 19
		2030 SCADA Master Plan	-	-	-	-	-	- 220,000	-	-	-	- 240,000	12,625,000	12,625,000	12,625,000		2029 20
Feasibility Plans / EA's/ Studies Total			39,401,000	14,776,000	10,520,000	8,302,500	29,730,000	12,236,500	25,630,000	9,530,000	26,920,000	10,077,500	86,205,000	64,990,000	218,406,000	119,912,500	
	5453353073	Still Bala Calana Balance	310.000	24.0.000	110.000		110.000	*** ***	110.000	110.000	440.000	110.000	660.000	660.000	1.410.000		4005 40
Licenses Licenses Total	5162362073	Field Data Systems Program	310,000	310,000 310,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	660,000	660,000	1,410,000	1,410,000	1905 190
Network Extension	5162380381	Binbrook Sanitary Sewer - Fletcher to Brigham	603,000	-	402,000	-	-	-	-	-	-	-	-	-	1,005,000	-	2023 20
	5162580520	Binbrook - Trinity Church to Fletcher (Binbrook/Glanbrook Recreation Centre Servicing)	-	-	320,000	-	-	-	3,200,000	-	-	-	-	-	3,520,000	-	2025 20
	5162580582	South Service Rd Sanitary Sewer - 50m east of Fifty Rd to	-		531.000										531,000		2025 20
		500m east.			,										,		
	5162680285	Arterial Road 1N Sanitary Sewer – Smith Rd to Dickenson Road - CITY SHARE	-	-	-	-	4,656,000	4,656,000	-	-	-	-	-	-	4,656,000	4,656,000	2026 203
	5162680581	Glover Road Sanitary Sewer - Hwy 8 to 900m north, past					924,000	92,400	-			-			924,000	92.400	2026 202
		Watercourse 7 Barton St Sanitary Sewer - 350m east of Fruitland Rd to					,	,								,	
	5162680685	200m east	-	-	-	-	157,000	15,700	-	-	-	-	-	-	157,000	15,700	2026 20
	5162680688	Barton St Sanitary Sewer - Jones Rd to 470m east toward		-	-		304.000		-	-	-			-	304,000	-	2026 20
	5102000000	Glover Rd					504,000								504,000		2020 20.
	5163480583	Glancaster Rd Sanitary Sewer – Arterial Rd 1N to Twenty Rd	-	-		-	-	-	-			-	1,425,000		1,425,000	-	2034 203
Network Extension Total			603,000	-	1,253,000	-	6,041,000	4,764,100	3,200,000	-	-	-	1,425,000	-	12,522,000	4,764,100	1
New	5161667421	New Haulage Receiving Station	4.020.000	4.020.000	150.000	150.000	150.000	150.000	6,670,000	6.670.000	6.870.000	6.870.000			17.860.000	17 860 000	2016 20
new		New Water and Westernater Operations Facilities (CACI)	<i>,,</i>		150,000	150,000	,	,		.,,		.,,			,,	,,	
	5162441226	FLOWED)	812,500	812,500	-	-	1,562,500	1,562,500	1,562,500	1,562,500	5,062,500	5,062,500	5,062,500	5,062,500	14,062,500	14,062,500	1905 19
		Shaver Rd - Osprey Dr to Hydro Corridor	-	-	-	-	780,000	-	-	-	-	-	- 4.252.000	-	780,000	-	1905 19 2030 20
		Twenty Rd Sanitary Sewer - Silver Birch to Upper James Woodward WWTP Headworks Upgrades	-	-	-	-	-		-	-	-	-	4,252,000 92,901,707	- 92,901,707	4,252,000 92,901,707	92 901 707	2030 20
		Woodward WWTP Dewatering Building Upgrades	-	-	-	-	-	-	-	-	-	-	90,219,209	90,219,209	90,219,209		1905 19
	5163480683	Ancaster Industrial Park Area Sanitary Sewer - Hydro		-	-	-	-	-	-	-	-	-	571,000	-	571,000	-	1905 19
New Total		Corridor to Shaver	4.832.500	4.832.500	150.000	150,000	2,492,500	1,712,500	8,232,500	8,232,500	11,932,500	11,932,500	193,006,416	188,183,416	220,646,416	215,043,416	
			4,032,530	4,052,550	150,000	130,000	2,432,500	1,712,500	0,202,000	0,202,000	11,552,550	_1,552,550		_30,103,410	220,040,410	213,043,410	
	5160060471	Capital Infrastructure Renewal Program – Linear	7,250,000	7,250,000	7,950,000	7,950,000	7,250,000	7,250,000	7,250,000	7,250,000	7,250,000	7,250,000	43,500,000	43,500,000	80,450,000	80,450.000	2024 20
Rehabilitation / Renovation		Wastewater & Storm Woodward WWTP - Biosolids Management Facility	49,580,000	10,471,640	2,770,000	1,720,170	2,770,000	1,720,170	2,770,000	1,720,170	2,770,000	1,720,170	16,620,000	10,321,020	77,280,000		2009 20
		Mandurani MOATO Dissellate Messenant Cesility	45,580,000				2,770,000	1,720,170	2,770,000	1,720,170	2,770,000	1,720,170	10,020,000	10,321,020			
	5160966911	variance capital improvements	-	-	1,950,000	1,950,000	-	-	-	-	-	-	-	-	1,950,000		2025 20
	5161266213	Dundas WWTP Improvements (CASH FLOWED)	5,710,200	5,710,200	2,881,250	2,881,250	3,381,250	2,366,875	46,092,850	32,264,995	41,892,850	29,324,995	154,361,800	108,053,260	254,320,200	180,601,575	
	5161266213	Dundas WWTP Improvements (CASH FLOWED) Dundas Wastewater Outstations Upgrades	5,710,200 6,340,000 5,420,000	5,710,200 6,340,000 5,420,000	2,881,250 2,000,000 1,200,000	2,881,250 2,000,000 1,200,000	3,381,250 - 660,000	2,366,875 - 660,000	46,092,850	32,264,995 -	41,892,850	29,324,995 -	154,361,800	108,053,260	254,320,200 8,340,000 7,280,000	8,340,000	2011 203 2011 203 2014 203

Project Type	Project ID	Title	Pre 2	025	202	25	202	26	20	27	202	8	Remai	ning	Project	Total	Start End
	i roject ib		Gross	Net	Gross	Net	Gross	Net	Gross	Net	Gross	Net	Gross	Net	Gross	Net	Year Year
	5161667622	FC001, DC009 & HC011 Wastewater Pumping Stations	7,700,000	6,947,500	165,000	82,500	-	-	-	-	-	-	-	-	7,865,000	7,030,000	2016 2025
		Upgrades Parkdale Avenue HC001 Wastewater Pumping Station															
	5161767420	Upgrades	1,480,000	1,480,000	-	-	4,600,000	4,600,000	4,600,000	4,600,000	8,100,000	8,100,000	36,200,000	36,200,000	54,980,000		2016 2030
	516196651	Woodward WWTP - Digester 3 & 5 (CASH FLOWED)	17,530,000	17,530,000	150,000	150,000	-	-	-	-	-	-	-	-	17,680,000	,	2019 2025
		B Dundas WWTP - Health & Safety Immediate Needs E Eastport Drive SPS (HC017) Interim Upgrades	7,550,000 870,000	7,550,000 870,000	275,000 2,150,000	275,000 2,150,000	-		-	-			-		7,825,000 3,020,000		2020 2025 2020 2025
		Main & King CSO Rehabilitation	2,099,000	2,099,000	1,000,000	1,000,000	1,000,000	1,000,000	-	-	-		-	-	4,099,000		2020 2025
	5162067425	Hillside SPS (DC006) Upgrades	2,210,000	2,210,000	275,000	275,000	-	-	-	-	-	-	-	-	2,485,000	2,485,000	2020 2025
	5162167420	DC007 McMaster Sewage Pumping Station Upgrades	1,790,000	1,790,000	-	-	440,000	440,000	3,225,000	3,225,000	3,225,000	3,225,000	-	-	8,680,000	8,680,000	2021 2028
	5162262250	to Green	520,000	502,415	-	-	500,000	500,000	8,000,000	8,000,000	-	-	-	-	9,020,000	9,002,415	2022 2027
	516226691	Rehabilitation (CASH FLOW)	6,650,000	6,650,000	1,680,000	1,680,000	20,048,000	12,028,800	19,487,000	11,692,200	-	-	-		47,865,000	32,051,000	2022 2027
	5162267375	Beach Boulevard (HC051) Wastewater Pump Station Upgrades	2,740,000	740,000	-	-	770,000	770,000	770,000	770,000	9,650,000	9,650,000	9,650,000	9,650,000	23,580,000	21,580,000	2022 2029
	5162267376	Nockeline (Debis) wastewater rumping station opgrades	4,340,000	4,340,000	-	-	597,500	597,500	597,500	597,500	-	-	-	-	5,535,000	5,535,000	2022 2027
		Road Cut Restoration Program	4,100,000	4,100,000	2,300,000	2,300,000	2,300,000	2,300,000	2,300,000	2,300,000	2,300,000	2,300,000	13,800,000	13,800,000	27,100,000		2023 2049
		Cross Connections Program Sewer Lateral Management Program (WWC)	400,000 6,340,000	400,000 6,340,000	100,000 3,000,000	100,000 3,000,000	350,000 3,500,000	350,000 3,500,000	100,000 3,500,000	100,000 3,500,000	100,000 3,500,000	100,000 3,500,000	600,000 21,000,000	600,000 21,000,000	1,650,000 40,840,000	,,	2024 2049 2023 2049
		Ancaster Sewage Works Sewer & Pine Bridge			3,000,000	3,000,000	3,300,000	3,300,000			3,300,000	3,300,000	21,000,000	21,000,000			
	5162360942	Rehabilitation - Hwy 403 to Bluebell	800,000	500,000	-	-	-	-	4,000,000	4,000,000	-	-	-	-	4,800,000	4,500,000	2023 2027
		Resetting or Adjusting of Wastewater Utility Structures	500,000	500,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	1,500,000	1,500,000	3,000,000	-,,	2023 2049
		Dundas WWTP Immediate Needs Woodward WWTP, Primary Clarifiers (Calleries 1.8)	1,400,000	1,400,000	3,950,000	3,950,000	-	-	-	-	-	-	-	-	5,350,000		2023 2025
		 Woodward WWTP - Primary Clarifiers (Galleries 1-8) Wastewater Maintenance - Rebuild, Replacement and 	16,890,000	16,890,000	17,950,000	17,950,000	-	-	-	-	-	-	-	-	34,840,000		2022 2026
	5162366712	New Capital	1,300,000	1,300,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	7,000,000	7,000,000	13,100,000	13,100,000	2023 2048
	5162366713	Wastewater Capital Maintenance Program	7,000,000	7,000,000	4,000,000	4,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	12,000,000	12,000,000	29,000,000	29,000,000	2023 2046
	5162367425	Beach Boulevard (HC031) Wastewater Pumping Station	1,490,000	1,490,000	935,000	935,000	7,850,000	7,850,000	7,350,000	7,350,000	-	-	-	-	17,625,000	17,625,000	2023 2027
	516236907	Upgrades City Environmental Lab Improvements Program		-	186.500	186,500	190.000	190.000	60.000	60.000	440,000	440.000	2,580,000	2,580,000	3,456,500	3.456.500	2024 2047
	5162460372		500,000	500,000	-	-	-	-	2,500,000	2,500,000	-	-	-	-	3,000,000	.,,	2024 2027
	546246057	Large Sower Lining : Linner James Linverport to	400.000	400.000			2 000 000	2 000 000							2 400 000	2 4 9 9 9 9 9	2024 2026
	5162460572	Claremont	180,000	180,000	-	-	3,000,000	3,000,000	-	-	-	-	-	-	3,180,000		2024 2026
	5162460592	Strathearne - Barton to Brampton	200,000	200,000	500,000	500,000	-	-	-	-	7,280,000	7,280,000	-	-	7,980,000	7,980,000	2024 2028
	5162461403	Mountain Industrial Trunk Sewer Rehab - Glover to Rymal	500,000	500,000	7,000,000	7,000,000	-	-	-	-	-	-	-	-	7,500,000	7,500,000	2024 2025
	5162466220	Dundas WWTP Digester Storage Tank Upgrades	1,000,000	1,000,000	4,600,000	4,600,000	5,800,000	5,800,000	-	-	-		-	-	11,400,000	11,400,000	2024 2026
	5162467372	HC007 St Margarets SPS & HC010 Sulphur Springs SPS	-	-	-	-	1,710,000	1,710,000	6,450,000	6,450,000	-	-	-	-	8,160,000	8,160,000	2026 2027
	5162467586	6 HC017 Eastport Underground Diesel Storage Tank	130,000	130,000	50,000	50,000	500,000	500,000	-	-	-	-	-	-	680,000	680,000	2024 2026
	5162561420	West 31st 400mm Forcemain Replacement & Rehabilitation	-	-	250,000	250,000	3,500,000	3,500,000	-	-	-	-	-	-	3,750,000	3,750,000	2024 2026
	516256160	Large Sewer Lining - Claremont Access to James St S	-	-	35,000	35,000	500,000	500,000	-	-	6,000,000	6,000,000	-	-	6,535,000	6,535,000	2025 2028
		New Changeroom Facilities at Dundas WWTP	-	-	825,000	602,250	-	-	-	-	-	-	-	-	825,000	,	2025 2025
		DC008 King Street East SPS Upgrades	-	-	770,000	770,000	- 396.000	- 289.080	-	-	2,650,000	2,650,000	-	-	3,420,000	-, .,	2025 2028
		HC002 Wastewater Pumping Station Upgrades HC003 Wastewater Pumping Station Upgrades		-	-	-	396,000	289,080 248,930	1,375,000 1,265,000	1,003,750 923,450	-		-	-	1,771,000 1,606,000		1905 1905 1905 1905
		Wastewater Outstation Ungrades - Asset Management					541,000	240,550			0.500.000	0 500 000	57 000 000	57 000 000			
	5162667753	Program	-	-	-	-	-	-	9,500,000	9,500,000	9,500,000	9,500,000	57,000,000	57,000,000	76,000,000		2024 2048
	5162767005	DC017 Wastewater Pumping Station Upgrades	-	-	-	-	-	-	517,000	377,410	3,190,000	2,328,700	-	-	3,707,000	2,706,110	2027 2028
	5163267752	Woodward WWTP Secondary Effluent Water Distribution System Upgrades	-	-	-	-		-	-	-	-	-	18,120,374	18,120,374	18,120,374	18,120,374	2032 2033
Rehabilitation / Renovation Total		System opprodes	172,509,200	130,330,755	72,347,750	70,992,670	75,403,750	65,121,355	135,159,350	111,634,475	111,297,850	96,818,865	393,932,174	341,324,654	960,650,074	816,222,774	
-																	
Replacement		PW Capital Water Consumption Program Open Cut Repairs for CIPP Program	- 1.000.000	- 1,000,000	250,000 650.000	250,000 650.000	250,000 500.000	250,000 500.000	250,000 500.000	250,000 500.000	250,000 500.000	250,000 500.000	1,500,000 3.000.000	1,500,000 3.000.000	2,500,000 6,150,000		2024 2049 2023 2049
	5162360820	Unscheduled Manhole and Sewermain Replacement	1,630,000	1,630,000	550,000	550,000	650,000	650,000	650,000	650,000	650,000	650,000	3,750,000	3,750,000	7,880,000	.,,	2023 2049
		Program								1.400.000							
	5162366153	SCADA Maintenance Program Replacement of the Eastport Sanitary Pumping Station	550,000 400,000	550,000 400,000	900,000	900,000	275,000 1,170,000	275,000 1,170,000	1,400,000 660,000	1,400,000 660,000	150,000 680.000	150,000 680,000	900,000 13,450,000	900,000 13,450,000	4,175,000 16,360,000		2023 2046 2023 2031
		Contingency for Unscheduled Works Program	400,000	400,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	1,200,000	1,200,000	2,000,000		2023 2031 2024 2049
		SCADA HVAC Maintenance Program	-	-	-	-	-	-	175,000	175,000	175,000	175,000	1,050,000	1,050,000	1,400,000		2027 2048
	5162566710	Miscellaneous Roof Replacement at Hamilton Water	-	-	935,000	682,550	-	-	-	-	-	-	-	-	935,000	682.550	2025 2025
		Facilities (Wastewater) Combined Sewer Overflow Tank Clean Out at HCS04	-	_	1,100,000	803.000	_	_	-	_	-	-	-	-	1,100,000		1905 1905
	5162596850	Locke - King To York and Margaret - Main To King And King	-	-	50,000	13,500	- 225,000	60,750	-	-	-	-	-	-	275,000		1905 1905 1905 1905
		St - Margaret To Locke (W-19) Robinson - Queen to Park					120.000	120.000							120.000		2026 2026
		Nash Sanitary Sewer Upgrades - Queenston to Barton	-	-	-	-	6,000,000	3,000,000	-	-	-	-	-	-	6,000,000	.,	1905 1905
		John - Cannon to Barton	-	-	-	-	-	-	-	-	250,000	250,000	-	-	250,000		1905 1905
		Woodward Treatment Plant to Main St E	-	-	-	-	-	-	-	-	210,000	210,000	-	-	210,000	.,	2028 2028
Replacement Total	5162961303	Clinton\Case\Ruth\Barnesdale	3.580.000	3.580.000	4.635.000	4,049,050	9.390.000	- 6,225,750	3.835.000	3.835.000	3.065.000	3.065.000	380,000	380,000 25,230,000	380,000 49,735,000	380,000 45.984.800	1905 1905
			5,550,000	3,330,000	-,-555,000	,0-0,000	5,550,000	5,225,750	3,333,000	3,033,000	3,003,000	3,003,000	23,230,000	23,230,000	-3,733,000	-3,304,000	
Safety/ Security	516226635	Woodward SCADA Cybersecurity Program	325,000	325,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	1,200,000	1,200,000	2,325,000	2,325,000	2022 2048

Project Type	Project ID	Title	Pre 2	025	202	25	203	26	20	27	202	28	Rema	ining	Project	t Total	Start End
			Gross	Net	Gross	Net	Gross	Net	Gross	Net	Gross	Net	Gross	Net	Gross	Net	Year Year
	5162566001 Guarding (Wasteway)	Upgrades Hamilton Water Facilities ater)	-	-	137,500	100,374	715,000	521,950	-	-	-	-	-	-	852,500	622,32	
Safety/ Security Total			325,000	325,000	337,500	300,374	915,000	721,950	200,000	200,000	200,000	200,000	1,200,000	1,200,000	3,177,500	2,947,32	.4
Staffing Costs Staffing Costs Total	5162301099 Engineeri	ng Services Staffing Costs - Wastewater	9,250,000	9,250,000	4,500,000	4,500,000	4,500,000	4,500,000	4,500,000	4,500,000	4,500,000	4,500,000	27,000,000	27,000,000	54,250,000	54,250,00	
Unspecified Projects	5162500001 Unspecifi PEOPLES	ed Wastewater Projects - NOT TO BE SET UP IN DFT	-	-	-	-	-	-	-	-	-	-	157,892,118	157,892,118	157,892,118	157,892,11	.8 2031 2034
Unspecified Projects Total			-	-	-	-	-	-	-	-	-	-	157,892,118	157,892,118	157,892,118	157,892,11	.8
Grand Total			268.972.700	167.568.155	107.796.250	92.343.099	198.168.250	104.089.472	323.083.850	163.393.622	304.482.350	160.595.512	1.136.022.708	879.605.252	2.338.526.108	1.567.595.11	1

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SOURCE OF CAPITAL FINANCING 2025 to 2034 RATE PROGRAM CAPITAL BUDGET \$(000'S)

	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2025 to 2034
STORM SEWERS											
Capital Program	74,580	48,618	56,523	63,375	54,419	49,235	54,952	73,471	78,251	96,018	649,442
Source of Funding											
Subsidy/Other Revenue	233	1,762	3,475	2,647	2,035	2,235	75	75	75	75	12,687
Development Charges	36,934	4,950	248	12,720	1,056	4,000	660	4,000	-	5,232	69,800
Reserves & Other Internal Sources	-	-	-	-	-	-	-	-	-	-	-
Contribution from Operating	31,471	31,906	37,704	34,904	39,214	37,876	49,082	69,396	78,176	90,711	500,440
External Debt	5,942	10,000	15,096	13,105	12,114	5,124	5,135	-	-	-	66,515
Total	74,580	48,618	56,523	63,375	54,419	49,235	54,952	73,471	78,251	96,018	649,442

City of Hamilton Storm Water Management 2025 Capital Budget Project List (\$)

										Financing	Sources
Project Type	Project ID	Project Title	Gross Costs	Grants and Subsidies	Other External Revenue	Development Charge	Reserves	WIP	Net Cost	From Operating	
	5181880887	Multi-Area Employment Lands - Storm Sewer for Street A Extension to	150,000	1		1			150,000	150,000	
oordinated - Network Extension		Pritchard (new road)		-	-	-	-	-			-
	5182571122	Leckie - Byron to Highland	150,000	-	-	-	-	-	150,000	150,000	-
	5182571290	Mohawk – McNiven to Hwy 403	200,000	-	-	-	-	-	200,000	200,000	-
	5182572021	Highland Rd W - First Rd W to Upper Centennial	200,000	-	-	-	-	-	200,000	57,621	142,379
Peerdinated Natural Extension Tatal	5182580480	Garner Road - Highway 6 to e/o Glancaster (AEGD)	30,000	-	-	30,000	-	-	-	-	-
Coordinated - Network Extension Total			730,000	-	-	30,000	-	-	700,000	557,621	142,379
Coordinated - Rehabilitation	5182518372	Wilson St E, 1500m e/o Rousseaux - Culvert Rehab	300,000	-	-	-	-	-	300,000	300,000	-
	5182571301	Robinson - Queen to Park	130,000	-	-	-	-	-	130,000	130,000	-
Coordinated - Rehabilitation Total			430,000	-	-	-	-	-	430,000	430,000	-
Coordinated - Replacement	5182271312	Streathearne - Main to Britannia	700,000	-		-	-	-	700,000	700,000	-
	5182471305	Upper James - Mohawk to Fennell	100,000			-	-	-	100,000	100,000	-
	5182571030	Nebo - Rymal to Stone Church	350,000	-	-	-	-	-	350,000	350,000	-
Coordinated - Replacement Total			1,150,000	-	-	-	-	-	1,150,000	1,150,000	-
nhancement	5181967500	DMAF- CSO Backflow Preventors	583,000	-		-	-	-	583,000	583,000	
Enhancement Total	5181907500	DWAL CSO BACKIOW TREVENTORS	583,000	-	-	-		-	583,000	583,000	
	5182055825	Stormwater Drainage Analysis and Conceptual Design for Road Corridor	250,000	-	-	-	-	-	250,000	250,000	
easibility Plans / EA's/ Studies		Upgrades									
	5182095800	Flooding & Drainage Master Plan Capital Improvements	510,000	-		-	-	-	510,000	510,000	-
	5182317550 5182349555	Small Culvert Rehab/Repair - Engineering Services QA-QC Service Contract Program	250,000 200,000	-	-	-	-	-	250,000 200,000	250,000 200,000	-
	5182355347	Watercourse Erosion Sites Rehabilitation and Mitigation	3,510,000	-	-	-	-	-	3,510,000	3,510,000	-
	5182355347	Stormwater System Planning Program	460,000	-	-	-	-	-	460,000	460,000	-
	5182355421	Mapping Update Program	460,000	-	-	-	-	-	460,000	40,000	-
	5182355555	Stormwater Computer Model and Flow Monitoring	590,000	-	-	-	-	-	590,000	590,000	-
	5182357545	Stormwater Infrastructure Criticality Assessment	330,000	-	-	-	-	-	330,000	330,000	-
		City of Hamilton Watershed Action Plan		-	-	-	-	-			-
	5182368678 5182374680	Storm Sewer Network Planning - Transportation Program	2,650,000	-		-	-	-	2,650,000 780,000	2,650,000	-
	5182374680	Stormwater Marketing Campaign	780,000 100,000	-	-	-	-	-	100,000	780,000 100,000	-
easibility Plans / EA's/ Studies Total	5162455425	Stormwater Marketing Campaign	9,670,000	-		-	-	-	9,670,000	9,670,000	-
icenses	5182362073	Field Data Systems Program	110,000	-	-	-	-	-	110,000	110,000	-
icenses Total			110,000	-	-	-	-	-	110,000	110,000	-
Network Extension	5182571307	Duke - Hess to west end & Robinson - Queen to west end	60,000				-	-	60,000	60,000	-
	5182571312	Aberdeen - Queen to Studholme & Dundurn - Aberdeen to Hill	1,900,000	-	-	-	-	-	1,900,000	-	1,900,000
Network Extension Total			1,960,000	-	-	-	-	-	1,960,000	60,000	1,900,000
	5402067075	Deach Strin Starmunder Dumping Stations (CASU 51 OM/SD)	250.000						250.000	250.000	
New	5182067875 5182380390	Beach Strip Stormwater Pumping Stations (CASH FLOWED) SWMP - A14 - Springbrook Corners	250,000 538,000	-		- 538,000	-	-	250,000	250,000	-
			,	-	-	,	-	-	-	-	-
	5182380391	SWMP - SL3 - Block 2 (844 Barton Street)	1,485,000	-	-	1,485,000	-	-	-	-	-
	5182380392	SWMP - BMH20 - Binbrook Settlement Area SWMP - HAM30 - St. Elizabeth's Village Expansion Retrofit	1,743,000	-	-	1,743,000	-	-	-	-	-
	5182380393		317,000	-	-	317,000	-	-	-	-	-
	5182380864	SWMP - W6 Waterdown Bay (Saleem Property)	532,000	-	-	532,000	-	-	-	-	-
	5182460214 5182480491	SERG - Parkside & Kipling Stormwater Infrastructure - CASH FLOW SWMP - SCM22 - Nash Neighbourhood - Davis Creek Subwatershed Study	318,000 151,000	120,000		- 151,000	-	-	198,000	198,000	-
	5182480491	SWMP - SCH22 - Nash Neighbourhood - Davis Creek Subwatershed Study SWMP - SCL12 - Block 3 - Fruitland/Winona Subwatershed Study (Phase 3)	4,656,000	-	-	4,656,000	-	-	-	-	-
	5182574530	Drainage - Moxley Road Improvements	900,000			4,050,000	-	-	- 900,000	-	- 900,000
	5182580550	Lewis Rd Oversized Storm Sewer - Barton St to Hwy 8	4,000,000	-		4,000,000	-	-	-	-	-
	5182580590	SWMP - H28 - 305 Stone Church Road West	5,175,000			5,175,000					
	5182580592	SWMP - BMH21 - Binbrook Settlement Area	4,036,000			4,036,000					
	5182580593	SWMP - BMH24 - Caterini Subdivision	2,089,000			2,089,000					
	5182580594	SWMP - SCL29 - Block 1 - Fruitland/Winona	7,458,000	-		7,458,000	-		-	-	-
	5182580595	SWMP - SCL30 - Block 1 - Fruitland/Winona Subwatershed Study (Phase 3)	4,724,000			4,724,000	-	-	-	-	-
New Total			38,372,000	120,000	-	36,904,000	-	-	1,348,000	448,000	900,000
Rehabilitation / Renovation	5181372295	SERG - Mount Albion Stormwater Management Facility Rehabilitation	550,000	-	-	-	-	-	550,000	550,000	-
	5181767723	Grafton and Centennial Stormwater Pumping Stations - Standby Power	770,000	-	-	-	-	-	770,000	770,000	-
		Dight of May Drainage Draggers	2 245 000						2 245 000	3,215,000	-
	5182317152	Right of Way Drainage Program	3,215,000	-	-	-	-	-	3,215,000		
	5182317152 5182317549 5182318086	Concrete Box Culvert Rehab/Repair - T.O.M. Culvert rehabilitation (Bridge 086) - Cross St, 25 metres south of Alma St	250,000 1,700,000	-	-	-	-	-	3,215,000 250,000 1,700,000	250,000 1,700,000	-

City of Hamilton Storm Water Management 2025 Capital Budget Project List (\$)

										Financing	Sources
Project Type	Project ID	Project Title	Gross Costs	Grants and Subsidies	Other External Revenue	Development Charge	Reserves	WIP	Net Cost	From Operating	External Debt
F	5182360622	SWM Facility Maintenance Program	2,500,000	-	-	-	-	-	2,500,000	2,500,000	-
	5182360722	Municipal Drain Program	150,000	-	113,000		-	-	37,000	37,000	-
	5182374950	Watercourse and Drainage Channel Maintenance	860,000	-			-	-	860,000	860,000	-
	5182460430	Queenston Storm Sewer Rehabilitation	3,000,000	-	-	-	-	-	3,000,000	-	3,000,000
	5182567002	West Harbour Front Eutrophication	550,000	-			-	-	550,000	550,000	-
Rehabilitation / Renovation Total			13,545,000	-	113,000	-	-	-	13,432,000	10,432,000	3,000,000
Replacement	5181874841	Lower Davis Creek - Flood Control Facility	2,650,000	-			-	-	2,650,000	2,650,000	-
	5182317458	Catch Basin Replacement/Rehabilitation Program	1,200,000	-	-	-	-	-	1,200,000	1,200,000	-
	5182361740	Unscheduled Manhole and Sewermain Replacement Program	150,000	-	-	-	-	-	150,000	150,000	-
	5182372074	Contingency for Unscheduled Works Program	100,000	-	-	-	-	-	100,000	100,000	-
	5182460420	Culvert HAM-37223 and Slope Stabilization - Sanatorium - 200m N/O Scenic	800,000	-	-	-	-	-	800,000	800,000	-
	5182461451	Church Street Storm Outfall Replacement	1,430,000	-			-	-	1,430,000	1,430,000	-
Replacement Total			6,330,000	-	-		-	-	6,330,000	6,330,000	-
Staffing Costs	5182301099	Engineering Services Staffing Costs - Storm	1,700,000	-			-	-	1,700,000	1,700,000	-
Staffing Costs Total			1,700,000	-	-	-	-	-	1,700,000	1,700,000	-
Grand Total			74,580,000	120,000	113,000	36,934,000	-	-	37,413,000	31,470,621	5,942,379

CITY OF HAMILTON STORM WATER MANAGEMENT 2025 - 2034 CAPITAL BUDGET LIST (\$)

Project Type	Project ID	Title	Pre 2	2025	202	25	202	26	20	27	202	28	Rema	ining	Project	Total	Start	End
			Gross	Net	Gross	Net	Gross	Net	Gross	Net	Gross	Net	Gross	Net	Gross	Net	Year	Year
	5181880887	Multi-Area Employment Lands - Storm Sewer for Street A	1,050,000	1,050,000	150,000	150,000					-	-	-	-	1,200,000	1,200,000	2018	2025
Coordinated - Network Extension		Extension to Pritchard (new road)	,,	,,														
		Leckie - Byron to Highland Mohawk – McNiven to Hwy 403	-	-	150,000 200.000	150,000 200.000	2,100,000 200.000	2,100,000 200.000	-	-	- 5,000,000	5.000.000	-	-	2,250,000 5.400.000	2,250,000 5,400,000	2025 2025	2026 2028
		Highland Rd W - First Rd W to Upper Centennial	-	-	200,000	200,000	2,900,000	2.900.000		-	5,000,000	5,000,000	-	-	3,100,000	3,100,000	2025	2028
		Garner Road - Highway 6 to e/o Glancaster (AEGD)		-	30,000	200,000	2,300,000	2,500,000	200,000		8,000,000	-			8,430,000	-	2025	2020
		Westdale North Neighbourhood Phase 2	-	-	-		- 200,000		175,000	175,000	2,500,000	2.500.000	-	-	2,675,000	2,675,000	2023	2020
		Bold - Queen to Locke	-	-	-	-		-	200,000	200,000	800,000	800,000	-	-	1,000,000	1,000,000	1905	1905
		West 5th - Rymal to Stone Church		-	-	-	-	-	80,000	32,000	1,200,000	480,000	-	-	1,280,000	512,000	1905	1905
		Westdale North Neighbourhood Phase 3	-	-	-	-	-	-	-	-	90,000	90,000	1,250,000	1,250,000	1,340,000	1,340,000	2028	2029
	5183180086	Parkside Dr Urbanization - Phase 2 - Storm Sewer	-	-	-	-	-	-	-	-	-	-	1,100,000	440,000	1,100,000	440,000	2031	2031
Coordinated - Network Extension Total			1,050,000	1,050,000	730,000	700,000	5,400,000	5,200,000	655,000	407,000	17,590,000	8,870,000	2,350,000	1,690,000	27,775,000	17,917,000		
Coordinated - Rehabilitation	E107E10277	Wilson St E. 1500m e/o Rousseaux - Culvert Rehab			300,000	300,000									300,000	300,000	2025	2025
Coordinated - Renabilitation		Robinson - Queen to Park		-	130,000	130,000	1,350,000	1,350,000			-	-	-	-	1,480,000	1,480,000	1905	1905
Coordinated - Rehabilitation Total			-	-	430,000	430,000	1,350,000	1,350,000	-	-	-	-	-	-	1,780,000	1,780,000		
	5182172205	Glenmorris / Underhill / Sleepy Hollow / Wilmar (York	210,000	30,000							600,000	600,000			810,000	630,000	2021	2028
Coordinated - Replacement		Heights / Hunter NBHD)									000,000	000,000						
		Streathearne - Main to Britannia	1,000,000	1,000,000	700,000	700,000	-	-	-	-	-	-	-	-	1,700,000	1,700,000	2022	2025
		Upper James - Mohawk to Fennell	100,000	100,000	100,000	100,000		-	3,000,000	3,000,000	-	-	-	-	3,200,000	3,200,000	2024	2027
		Nebo - Rymal to Stone Church	-	-	350,000	350,000	5,200,000 150,000	5,200,000 150,000	- 2,100,000	- 2,100,000	-	-	-	-	5,550,000	5,550,000	2025 2026	2026 2027
		Hatt & Bond - King to Market (Phase 1)	-	-	-	-	100,000	100,000	2,100,000	2,100,000	-	-	-	-	2,250,000	2,250,000	2020	2027
	5182770020	Claremont Access - Inverness to Bridge Over CPR (Ph 2 - Downbound)	-	-	-	-	-	-	325,000	325,000	-	-	-	-	325,000	325,000	2027	2027
	5182771108	Rymal - Glancaster to Upper Paradise		-		-	-	-	60,000	60.000	-	-	-	-	60.000	60,000	2027	2027
		Industrial - Ottawa to Gage / Gage / Depew	-	-	-		-		-		-		400,000	400,000	400,000	400,000	2029	2029
		Stiploy Noighbourhood (South) Connaught / Palacm /																
	5182972298	Dunsmure	-	-	-	•	-	-	-	-	-	-	900,000	900,000	900,000	900,000	2029	2030
	5183072309	Burlington & Industrial - Ottawa to Kenilworth	-	-	-	-	-		-	-	-	-	700,000	700,000	700,000	700,000	2030	2030
	5183171020	Sanford - Cannon to Barton	-	-	-	-	-	-	-	-	-	-	1,200,000	1,200,000	1,200,000	1,200,000	2031	2031
	5183171114	Pinelands / Teal / Garden / Community / Greensfield		-	-		-			-	-	-	1,000,000	1,000,000	1,000,000	1,000,000	2031	2031
Coordinated - Replacement Total			1,310,000	1,130,000	1,150,000	1,150,000	5,350,000	5,350,000	5,485,000	5,485,000	600,000	600,000	4,200,000	4,200,000	18,095,000	17,915,000		
Coordinated - Upgrade	5182472422	Byron and Aubrey Urbanization	150,000	150,000		-	-	-	2,800,000	2,800,000	-	-	-	-	2,950,000	2,950,000	1905	1905
		Hughson - Wilson to Barton	-	-	-	-	-	-	-	-	-	-	280,000	280,000	280,000	280,000	2031	2031
Coordinated - Upgrade Total		2	150,000	150,000	-	-	-	-	2,800,000	2,800,000	-	-	280,000	280,000	3,230,000	3,230,000		
	5181823155	South St E and East St S in Dundas Drainage Improvement	340,000	340,000	-	-	1,280,000	1,280,000	-	-	-	-	-	-	1,620,000	1,620,000	1905	1905
Enhancement		- SERG					_,,	_,,										
		SERG - Winona Area Drainage Improvements	1,216,000	1,216,000	-	-	-	-	220,000	220,000	1,400,000	1,400,000	-	-	2,836,000	2,836,000	1905	1905
		DMAF- CSO Backflow Preventors Flooding & Drainage Master Plan Capital Forecast	3,690,000	3,060,000	583,000	583,000	3,525,000 3,400,000	3,525,000 3,400,000	- 7,880,000	- 7,880,000	-	-	- 78,310,000	- 78,310,000	7,798,000 89,590,000	7,168,000 89,590,000	2019 1905	2026 1905
Enhancement Total	51820904/5	Flooding & Drainage Master Plan Capital Forecast	5,246,000	4,616,000	583,000	583,000	8,205,000	8,205,000	8,100,000	8,100,000	1,400,000	1,400,000	78,310,000	78,310,000	101,844,000	101,214,000	1905	1905
			-,,	.,===,===		,	-))	-))	-,,	-,,	_,,	_,,						
	5182055825	Stormwater Drainage Analysis and Conceptual Design for	760,000	760,000	250,000	250,000	250,000	250,000			-	-	_	_	1,260,000	1,260,000	2020	2026
Feasibility Plans / EA's/ Studies	5102055025	Road Corridor Upgrades	700,000	100,000				200,000							1,200,000	1,200,000	2020	2020
		noud connuor opgrades																
	5182095800		1,940,000	1,940,000	510,000	510,000	210,000	210,000	-	-	-	-	-	-	2,660,000	2,660,000	2020	2026
		Flooding & Drainage Master Plan Capital Improvements			510,000	510,000			-	-	-	-	-	-				
	5182317550	Flooding & Drainage Master Plan Capital Improvements Small Culvert Rehab/Repair - Engineering Services	861,000	311,000	510,000 250,000	510,000 250,000	250,000	250,000	- 250,000	- 250,000 200,000	- 250,000 200,000	- 250,000 200,000	- 1,500,000 1,200,000	- 1,500,000 1,200,000	3,361,000	2,811,000	2023	2049
	5182317550 5182349555	Flooding & Drainage Master Plan Capital Improvements Small Culvert Rehab/Repair - Engineering Services QA-QC Service Contract Program	861,000 200,000	311,000 200,000	510,000	510,000	250,000 200,000	250,000 200,000	- 250,000 200,000	- 250,000 200,000	- 250,000 200,000 -	- 250,000 200,000	- 1,500,000 1,200,000 -	- 1,500,000 1,200,000	3,361,000 2,200,000	2,811,000 2,200,000	2023 1905	2049 1905
	5182317550 5182349555 5182355340	Flooding & Drainage Master Plan Capital Improvements Small Culvert Rehab/Repair - Engineering Services QA-QC Service Contract Program Stormwater & Drainage Studies	861,000 200,000 800,000	311,000 200,000 800,000	510,000 250,000 200,000 -	510,000 250,000 200,000 -	250,000 200,000 300,000	250,000 200,000 300,000	200,000	200,000	200,000	200,000	1,200,000	1,200,000	3,361,000 2,200,000 1,100,000	2,811,000 2,200,000 1,100,000	2023 1905 1905	2049 1905 1905
	5182317550 5182349555	Flooding & Drainage Master Plan Capital Improvements Small Culvert Rehab/Repair - Engineering Services QA-QC Service Contract Program Stormwater & Drainage Studies	861,000 200,000	311,000 200,000	510,000 250,000	510,000 250,000	250,000 200,000	250,000 200,000							3,361,000 2,200,000	2,811,000 2,200,000	2023 1905	2049 1905 1905
	5182317550 5182349555 5182355340 5182355347	Flooding & Drainage Master Plan Capital Improvements Small Culvert Rehab/Repair - Engineering Services QA-QC Service Contract Program Stormwater & Drainage Studies	861,000 200,000 800,000	311,000 200,000 800,000	510,000 250,000 200,000 -	510,000 250,000 200,000 -	250,000 200,000 300,000	250,000 200,000 300,000	200,000	200,000	200,000	200,000	1,200,000	1,200,000	3,361,000 2,200,000 1,100,000	2,811,000 2,200,000 1,100,000	2023 1905 1905	2049 1905 1905 2035
	5182317550 5182349555 5182355340 5182355347 5182355421	Flooding & Drainage Master Plan Capital Improvements Small Culvert Rehab/Repair - Engineering Services QA-QC Service Contract Program Stormwater & Drainage Studies Watercourse Erosion Sites Rehabilitation and Mitigation	861,000 200,000 800,000 630,000	311,000 200,000 800,000 630,000	510,000 250,000 200,000 - 3,510,000	510,000 250,000 200,000 - 3,510,000	250,000 200,000 300,000 340,000	250,000 200,000 300,000 340,000	200,000	200,000	200,000	200,000 - 3,840,000	1,200,000 - 12,870,000	1,200,000 - 12,870,000	3,361,000 2,200,000 1,100,000 21,540,000	2,811,000 2,200,000 1,100,000 21,540,000	2023 1905 1905 2023	2049 1905 1905 2035 1905
	5182317550 5182349555 5182355340 5182355347 5182355421 5182355556 5182357545	Flooding & Drainage Master Plan Capital Improvements Small Culvert Rehab/Repair - Engineering Services QA-QC Service Contract Program Stormwater & Drainage Studies Watercourse Erosion Sites Rehabilitation and Mitigation Stormwater System Planning Program Mapping Update Program Stormwater Computer Model and Flow Monitoring	861,000 200,000 800,000 630,000 860,000 137,000 1,220,000	311,000 200,000 800,000 630,000 860,000 137,000 1,220,000	510,000 250,000 200,000 - 3,510,000 460,000 40,000 590,000	510,000 250,000 - 3,510,000 460,000 40,000 590,000	250,000 200,000 300,000 340,000 480,000 40,000 320,000	250,000 200,000 300,000 340,000 480,000 40,000 320,000	200,000 - 350,000 500,000 40,000 350,000	200,000 - 350,000 500,000 40,000 350,000	200,000 - 3,840,000 520,000 40,000 360,000	200,000 - 3,840,000 520,000 40,000 360,000	1,200,000 - 12,870,000 3,040,000 240,000 2,160,000	1,200,000 - 12,870,000 3,040,000 240,000 2,160,000	3,361,000 2,200,000 1,100,000 21,540,000 5,860,000 537,000 5,000,000	2,811,000 2,200,000 1,100,000 21,540,000 5,860,000 537,000 5,000,000	2023 1905 1905 2023 1905 1905 2023	2049 1905 1905 2035 1905 1905 2046
	5182317550 5182349555 5182355340 5182355347 5182355421 5182355556 5182357545 5182367751	Flooding & Drainage Master Plan Capital Improvements Small Culvert Rehab/Repair - Engineering Services QA-QC Service Contract Program Stormwater & Drainage Studies Watercourse Erosion Sites Rehabilitation and Mitigation Stormwater System Planning Program Mapping Update Program Stormwater Computer Model and Flow Monitoring Stormwater Infrastructure Criticality Assessment	861,000 200,000 800,000 630,000 860,000 137,000 1,220,000 320,000	311,000 200,000 800,000 630,000 860,000 137,000 1,220,000 320,000	510,000 250,000 - 3,510,000 460,000 40,000 590,000 330,000	510,000 250,000 - 3,510,000 460,000 40,000 590,000 330,000	250,000 200,000 300,000 440,000 40,000 320,000 340,000	250,000 200,000 300,000 340,000 480,000 40,000 320,000 340,000	200,000 - 350,000 500,000 40,000 350,000 350,000	200,000 - 350,000 500,000 40,000 350,000 350,000	200,000 - 3,840,000 520,000 40,000 360,000 360,000	200,000 - 3,840,000 520,000 40,000 360,000 360,000	1,200,000 - 12,870,000 3,040,000 240,000 2,160,000 2,160,000	1,200,000 - 12,870,000 3,040,000 240,000 2,160,000 2,160,000	3,361,000 2,200,000 1,100,000 21,540,000 5,860,000 537,000 5,000,000 3,860,000	2,811,000 2,200,000 1,100,000 21,540,000 5,860,000 537,000 5,000,000 3,860,000	2023 1905 1905 2023 1905 1905 2023 2024	2049 1905 1905 2035 1905 1905 2046 2046
	5182317550 5182349555 5182355340 5182355347 5182355421 5182355556 5182357545 5182367751	Flooding & Drainage Master Plan Capital Improvements Small Culvert Rehab/Repair - Engineering Services QA-QC Service Contract Program Stormwater & Drainage Studies Watercourse Erosion Sites Rehabilitation and Mitigation Stormwater System Planning Program Mapping Update Program Stormwater Computer Model and Flow Monitoring	861,000 200,000 800,000 630,000 860,000 137,000 1,220,000	311,000 200,000 800,000 630,000 860,000 137,000 1,220,000	510,000 250,000 - 3,510,000 460,000 40,000 590,000	510,000 250,000 - 3,510,000 460,000 40,000 590,000	250,000 200,000 300,000 340,000 480,000 40,000 320,000	250,000 200,000 300,000 340,000 480,000 40,000 320,000	200,000 - 350,000 500,000 40,000 350,000	200,000 - 350,000 500,000 40,000 350,000	200,000 - 3,840,000 520,000 40,000 360,000	200,000 - 3,840,000 520,000 40,000 360,000	1,200,000 - 12,870,000 3,040,000 240,000 2,160,000	1,200,000 - 12,870,000 3,040,000 240,000 2,160,000	3,361,000 2,200,000 1,100,000 21,540,000 5,860,000 537,000 5,000,000	2,811,000 2,200,000 1,100,000 21,540,000 5,860,000 537,000 5,000,000	2023 1905 1905 2023 1905 1905 2023	2049 1905 1905 2035 1905 1905 2046 2046
	5182317550 5182349555 5182355340 5182355347 5182355421 5182355556 5182357545 5182367751	Flooding & Drainage Master Plan Capital Improvements Small Culvert Rehab/Repair - Engineering Services QA-QC Service Contract Program Stormwater & Drainage Studies Watercourse Erosion Sites Rehabilitation and Mitigation Stormwater System Planning Program Mapping Update Program Stormwater Computer Model and Flow Monitoring Stormwater Infrastructure Criticality Assessment City of Hamilton Watershed Action Plan	861,000 200,000 800,000 630,000 860,000 137,000 1,220,000 320,000	311,000 200,000 800,000 630,000 860,000 137,000 1,220,000 320,000	510,000 250,000 - 3,510,000 460,000 40,000 590,000 330,000	510,000 250,000 - 3,510,000 460,000 40,000 590,000 330,000	250,000 200,000 300,000 440,000 40,000 320,000 340,000	250,000 200,000 300,000 340,000 480,000 40,000 320,000 340,000	200,000 - 350,000 500,000 40,000 350,000 350,000	200,000 - 350,000 500,000 40,000 350,000 350,000	200,000 - 3,840,000 520,000 40,000 360,000 360,000	200,000 - 3,840,000 520,000 40,000 360,000 360,000	1,200,000 - 12,870,000 3,040,000 240,000 2,160,000 2,160,000	1,200,000 - 12,870,000 3,040,000 240,000 2,160,000 2,160,000	3,361,000 2,200,000 1,100,000 21,540,000 5,860,000 537,000 5,000,000 3,860,000	2,811,000 2,200,000 1,100,000 21,540,000 5,860,000 537,000 5,000,000 3,860,000	2023 1905 1905 2023 1905 1905 2023 2024	2049 1905 1905 2035 1905 1905 2046 2046 2034
	5182317550 5182349555 5182355340 5182355347 5182355421 518235556 5182357545 5182367751 5182368678	Flooding & Drainage Master Plan Capital Improvements Small Culvert Rehab/Repair - Engineering Services QA-QC Service Contract Program Stormwater & Drainage Studies Watercourse Erosion Sites Rehabilitation and Mitigation Stormwater System Planning Program Mapping Update Program Stormwater Computer Model and Flow Monitoring Stormwater Infrastructure Criticality Assessment City of Hamilton Watershed Action Plan Storm Sewer Network Planning - Transportation Program	861,000 200,000 800,000 630,000 137,000 1,220,000 320,000 420,000	311,000 200,000 800,000 630,000 137,000 1,220,000 320,000 420,000	510,000 250,000 200,000 - 3,510,000 460,000 40,000 590,000 330,000 2,650,000	510,000 250,000 - 3,510,000 460,000 40,000 590,000 330,000 2,650,000	250,000 200,000 300,000 340,000 480,000 320,000 340,000 2,650,000	250,000 200,000 340,000 480,000 40,000 320,000 340,000 2,650,000	200,000 - 350,000 40,000 350,000 350,000 2,650,000	200,000 - 350,000 40,000 350,000 350,000 2,650,000	200,000 - 3,840,000 520,000 40,000 360,000 2,650,000	200,000 - 3,840,000 520,000 40,000 360,000 360,000 2,650,000	1,200,000 - 12,870,000 3,040,000 240,000 2,160,000 2,160,000 15,900,000	1,200,000 - 12,870,000 3,040,000 240,000 2,160,000 2,160,000 15,900,000	3,361,000 2,200,000 1,100,000 21,540,000 5,860,000 5,000,000 3,860,000 26,920,000	2,811,000 2,200,000 1,100,000 21,540,000 5,860,000 5,000,000 3,860,000 26,920,000	2023 1905 1905 2023 1905 2023 2024 2023	2049 1905 1905 2035 1905 1905 2046 2046 2034
	5182317550 5182349555 5182355340 5182355347 5182355421 518235556 5182357545 5182367751 5182368678	Flooding & Drainage Master Plan Capital Improvements Small Culvert Rehab/Repair - Engineering Services QA-QC Service Contract Program Stormwater & Drainage Studies Watercourse Erosion Sites Rehabilitation and Mitigation Stormwater System Planning Program Mapping Update Program Stormwater Infrastructure Criticality Assessment City of Hamilton Watershed Action Plan Storm Sewer Network Planning - Transportation Program Stormwater Analysis for Bridge, Culvert and Ditch	861,000 200,000 800,000 630,000 137,000 1,220,000 320,000 420,000	311,000 200,000 800,000 630,000 137,000 1,220,000 320,000 420,000	510,000 250,000 200,000 - 3,510,000 460,000 40,000 590,000 330,000 2,650,000	510,000 250,000 - 3,510,000 460,000 40,000 590,000 330,000 2,650,000	250,000 200,000 300,000 340,000 480,000 320,000 340,000 2,650,000	250,000 200,000 340,000 480,000 40,000 320,000 340,000 2,650,000	200,000 - 350,000 40,000 350,000 350,000 2,650,000	200,000 - 350,000 40,000 350,000 350,000 2,650,000	200,000 - 3,840,000 520,000 40,000 360,000 2,650,000	200,000 - 3,840,000 520,000 40,000 360,000 360,000 2,650,000	1,200,000 - 12,870,000 3,040,000 240,000 2,160,000 2,160,000 15,900,000	1,200,000 - 12,870,000 3,040,000 240,000 2,160,000 2,160,000 15,900,000	3,361,000 2,200,000 1,100,000 21,540,000 5,860,000 5,000,000 3,860,000 26,920,000	2,811,000 2,200,000 1,100,000 21,540,000 5,860,000 5,000,000 3,860,000 26,920,000	2023 1905 1905 2023 1905 1905 2023 2024 2023	2049 1905 1905 2035 1905 2046 2046 2034 2046
	5182317550 5182349555 5182355340 5182355421 5182355421 518235745 518235745 5182367751 518236678 5182374680 5182374680	Flooding & Drainage Master Plan Capital Improvements Small Culvert Rehab/Repair - Engineering Services QA-QC Service Contract Program Stormwater & Drainage Studies Watercourse Erosion Sites Rehabilitation and Mitigation Stormwater System Planning Program Mapping Update Program Stormwater Computer Model and Flow Monitoring Stormwater Infrastructure Criticality Assessment City of Hamilton Watershed Action Plan Storm Sewer Network Planning - Transportation Program Stormwater Analysis for Bridge, Culvert and Ditch Replacement Projects	861,000 200,000 800,000 630,000 137,000 1,220,000 320,000 420,000 1,470,000 875,000	311,000 200,000 800,000 630,000 137,000 1,220,000 320,000 420,000 1,470,000 875,000	510,000 250,000 - 3,510,000 460,000 40,000 590,000 330,000 2,650,000 780,000	510,000 250,000 - 3,510,000 460,000 40,000 590,000 330,000 2,650,000	250,000 200,000 340,000 480,000 40,000 320,000 340,000 2,650,000 810,000	250,000 200,000 340,000 480,000 320,000 340,000 2,650,000 810,000 610,000	200,000 - 350,000 40,000 350,000 350,000 2,650,000 840,000 630,000	200,000 - 350,000 40,000 350,000 350,000 2,650,000 840,000 630,000	200,000 - 3,840,000 520,000 40,000 360,000 2,650,000 870,000 650,000	200,000 - 3,840,000 520,000 40,000 360,000 2,650,000 870,000 650,000	1,200,000 - 12,870,000 3,040,000 2,160,000 2,160,000 15,900,000 5,100,000 3,800,000	1,200,000 - 12,870,000 2,40,000 2,160,000 2,160,000 15,900,000 5,100,000 3,800,000	3,361,000 2,200,000 1,100,000 21,540,000 5,860,000 5,37,000 5,000,000 3,860,000 26,920,000 9,870,000 6,565,000	2,811,000 2,200,000 1,100,000 21,540,000 5,860,000 5,37,000 5,000,000 3,860,000 26,920,000 9,870,000 6,565,000	2023 1905 1905 2023 1905 2023 2024 2023 2024 2023 2023	2049 1905 1905 2035 1905 2046 2046 2034 2046 2046
	5182317550 5182349555 5182355340 5182355347 5182355347 518235556 5182357545 5182367751 5182368678 5182374840 5182374840 5182374840	Flooding & Drainage Master Plan Capital Improvements Small Culvert Rehab/Repair - Engineering Services QA-QC Service Contract Program Stormwater & Drainage Studies Watercourse Erosion Sites Rehabilitation and Mitigation Stormwater System Planning Program Mapping Update Program Stormwater Computer Model and Flow Monitoring Stormwater Infrastructure Criticality Assessment City of Hamilton Watershed Action Plan Storm Sewer Network Planning - Transportation Program Stormwater Analysis for Bridge, Culvert and Ditch Replacement Projects Shoreline Protection Program	861,000 200,000 800,000 630,000 137,000 1,220,000 320,000 420,000 1,470,000	311,000 200,000 800,000 630,000 137,000 1,220,000 320,000 420,000 1,470,000	510,000 250,000 200,000 - 3,510,000 460,000 40,000 590,000 330,000 2,650,000 780,000	510,000 250,000 - 3,510,000 460,000 40,000 590,000 330,000 2,650,000	250,000 200,000 340,000 480,000 40,000 320,000 340,000 2,650,000 810,000	250,000 200,000 340,000 480,000 40,000 320,000 340,000 2,650,000 810,000	200,000 - 350,000 40,000 350,000 350,000 2,650,000 840,000	200,000 - 350,000 500,000 40,000 350,000 350,000 2,650,000 840,000	200,000 - 3,840,000 520,000 40,000 360,000 360,000 2,650,000 870,000	200,000 - 3,840,000 520,000 40,000 360,000 360,000 2,650,000 870,000	1,200,000 - 12,870,000 2,40,000 2,160,000 2,160,000 15,900,000 5,100,000 3,800,000 2,600,000	1,200,000 - 12,870,000 2,40,000 2,460,000 2,160,000 15,900,000 5,100,000 3,800,000 2,600,000	3,361,000 2,200,000 1,100,000 21,540,000 5,860,000 5,000,000 3,860,000 26,920,000 9,870,000 6,565,000 4,900,000	2,811,000 2,200,000 1,100,000 21,540,000 5,860,000 5,000,000 3,860,000 26,920,000 9,870,000 6,565,000 4,900,000	2023 1905 1905 2023 1905 2023 2024 2023 2024 2023 2023 2023	2049 1905 1905 2035 1905 2046 2046 2034 2046 2046 2046
	5182317550 5182349555 5182355340 5182355347 5182355347 518235556 5182357545 5182368678 5182374680 5182374840 5182374840 5182374840	Flooding & Drainage Master Plan Capital Improvements Small Culvert Rehab/Repair - Engineering Services QA-QC Service Contract Program Stormwater & Drainage Studies Watercourse Erosion Sites Rehabilitation and Mitigation Stormwater System Planning Program Mapping Update Program Stormwater Computer Model and Flow Monitoring Stormwater Infrastructure Criticality Assessment City of Hamilton Watershed Action Plan Storm Sewer Network Planning - Transportation Program Stormwater Analysis for Bridge, Culvert and Ditch Replacement Projects Shoreline Protection Program Stormwater Master Plan	861,000 200,000 800,000 860,000 1,220,000 1,220,000 420,000 1,470,000 875,000 1,000,000	311,000 200,000 800,000 630,000 1,220,000 1,220,000 420,000 1,470,000 875,000 1,000,000	510,000 250,000 - 3,510,000 460,000 460,000 590,000 330,000 2,650,000 - - - - -	510,000 250,000 200,000 40,000 40,000 590,000 330,000 2,650,000 780,000	250,000 200,000 340,000 480,000 40,000 320,000 340,000 2,650,000 810,000	250,000 200,000 340,000 480,000 320,000 340,000 2,650,000 810,000 610,000	200,000 - 350,000 40,000 350,000 350,000 2,650,000 840,000 630,000	200,000 - 350,000 40,000 350,000 350,000 2,650,000 840,000 630,000	200,000 - 3,840,000 520,000 40,000 360,000 2,650,000 870,000 650,000	200,000 - 3,840,000 520,000 40,000 360,000 2,650,000 870,000 650,000	1,200,000 - 12,870,000 3,040,000 2,160,000 2,160,000 15,900,000 5,100,000 3,800,000	1,200,000 - 12,870,000 2,40,000 2,160,000 2,160,000 15,900,000 5,100,000 3,800,000	3,361,000 2,200,000 1,100,000 21,540,000 5,860,000 5,000,000 3,860,000 26,920,000 9,870,000 6,565,000 4,900,000 2,860,000	2,811,000 2,200,000 1,100,000 21,540,000 5,860,000 5,000,000 3,860,000 26,920,000 9,870,000 6,565,000 4,900,000 572,000	2023 1905 2023 1905 2023 2024 2023 2024 2023 2023 2023 2023	2049 1905 1905 2035 1905 2046 2046 2034 2046 2046 2046 2049 2034
	5182317550 5182349555 5182355340 5182355347 5182355345 5182355556 5182357545 518236778 5182374680 5182374680 5182374840 5182374840 5182374951 5182455422 5182455422	Flooding & Drainage Master Plan Capital Improvements Small Culvert Rehab/Repair - Engineering Services QA-QC Service Contract Program Stormwater & Drainage Studies Watercourse Erosion Sites Rehabilitation and Mitigation Stormwater Planning Program Mapping Update Program Stormwater Computer Model and Flow Monitoring Stormwater Computer Model and Flow Monitoring Stormwater Infrastructure Criticality Assessment City of Hamilton Watershed Action Plan Storm Sewer Network Planning - Transportation Program Stormwater Analysis for Bridge, Culvert and Ditch Replacement Projects Shoreline Protection Program Stormwater Master Plan Stormwater Master Plan	861,000 200,000 800,000 630,000 137,000 1,220,000 320,000 420,000 1,470,000 875,000	311,000 200,000 800,000 630,000 137,000 1,220,000 320,000 420,000 1,470,000 875,000	510,000 250,000 - 3,510,000 460,000 40,000 590,000 330,000 2,650,000 780,000	510,000 250,000 - 3,510,000 460,000 40,000 590,000 330,000 2,650,000	250,000 200,000 340,000 480,000 480,000 320,000 340,000 2,650,000 810,000 610,000	250,000 200,000 300,000 40,000 320,000 340,000 2,650,000 810,000 610,000	200,000 - 350,000 40,000 350,000 2,650,000 840,000 630,000 750,000	200,000 - 350,000 40,000 350,000 350,000 2,650,000 840,000 630,000	200,000 - 3,840,000 520,000 360,000 2,650,000 870,000 650,000 150,000	200,000 - 3,840,000 520,000 40,000 360,000 2,650,000 870,000 650,000	1,200,000 12,870,000 3,040,000 2,40,000 2,160,000 2,160,000 5,100,000 3,800,000 2,660,000 2,860,000	1,200,000 12,870,000 3,040,000 2,40,000 2,160,000 15,900,000 5,100,000 3,800,000 2,600,000 572,000	3,361,000 2,200,000 1,100,000 21,540,000 5,860,000 5,000,000 3,860,000 26,920,000 9,870,000 6,565,000 4,900,000 2,860,000 250,000	2,811,000 2,200,000 1,100,000 21,540,000 5,860,000 5,000,000 3,860,000 26,920,000 9,870,000 6,565,000 4,900,000 572,000 250,000	2023 1905 1905 2023 1905 2023 2024 2023 2023 2023 2023 2023 2023	2046 2034 2046 2046 2049 2034 2025
	5182317550 5182349555 5182355340 5182355347 5182355347 518235556 5182357545 5182368678 5182374680 5182374840 5182374840 5182374840	Flooding & Drainage Master Plan Capital Improvements Small Culvert Rehab/Repair - Engineering Services QA-QC Service Contract Program Stormwater & Drainage Studies Watercourse Erosion Sites Rehabilitation and Mitigation Stormwater Planning Program Mapping Update Program Stormwater Computer Model and Flow Monitoring Stormwater Computer Model and Flow Monitoring Stormwater Infrastructure Criticality Assessment City of Hamilton Watershed Action Plan Storm Sewer Network Planning - Transportation Program Stormwater Analysis for Bridge, Culvert and Ditch Replacement Projects Shoreline Protection Program Stormwater Master Plan Stormwater Master Plan	861,000 200,000 800,000 860,000 1,220,000 1,220,000 420,000 1,470,000 875,000 1,000,000	311,000 200,000 800,000 630,000 1,220,000 1,220,000 420,000 1,470,000 875,000 1,000,000	510,000 250,000 - 3,510,000 460,000 460,000 590,000 330,000 2,650,000 - - - - -	510,000 250,000 200,000 40,000 40,000 590,000 330,000 2,650,000 780,000	250,000 200,000 340,000 480,000 480,000 320,000 340,000 2,650,000 810,000 610,000	250,000 200,000 300,000 40,000 320,000 340,000 2,650,000 810,000 610,000	200,000 - 350,000 40,000 350,000 2,650,000 840,000 630,000 750,000	200,000 - 350,000 40,000 350,000 350,000 2,650,000 840,000 630,000	200,000 - 3,840,000 520,000 360,000 2,650,000 870,000 650,000 150,000	200,000 - 3,840,000 520,000 40,000 360,000 2,650,000 870,000 650,000	1,200,000 - 12,870,000 3,040,000 24,000 2,160,000 2,160,000 5,100,000 3,800,000 2,660,000 2,860,000	1,200,000 - 12,870,000 2,40,000 2,460,000 2,160,000 15,900,000 5,100,000 3,800,000 2,600,000	3,361,000 2,200,000 1,100,000 21,540,000 5,860,000 5,000,000 3,860,000 26,920,000 9,870,000 6,565,000 4,900,000 2,860,000	2,811,000 2,200,000 1,100,000 21,540,000 5,860,000 5,000,000 3,860,000 26,920,000 9,870,000 6,565,000 4,900,000 572,000	2023 1905 2023 1905 2023 2024 2023 2024 2023 2023 2023 2023	2049 1905 1905 2035 1905 2046 2046 2034 2046 2046 2046 2049 2034

CITY OF HAMILTON STORM WATER MANAGEMENT 2025 - 2034 CAPITAL BUDGET LIST (\$)

Project Type	Project ID	Title	Pre	2025	20	25	20	26	20	27	20	28	Rema	ining	Project	Total	Start	End
			Gross	Net	Gross	Net	Gross	Net	Gross	Net	Gross	Net	Gross	Net	Gross	Net	Year	Year
Licenses	5182362073	Field Data Systems Program	304,000	304,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	660,000	660,000	1,404,000	1,404,000	2023	2049
Licenses Total			304,000	304,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	660,000	660,000	1,404,000	1,404,000		
	5182571307			_	60,000	60,000	750,000	750,000	_				_		810,000	810,000	2025	2026
Network Extension		Aberdeen - Queen to Studbolme & Dundurn - Aberdeen					750,000	750,000									2025	2020
	5182571312	to Hill	-	-	1,900,000	1,900,000	-	-	9,500,000	9,500,000	9,500,000	9,500,000	-	-	20,900,000	20,900,000	2025	2028
		Amelia - Queen to West End	-	-	-	-	150,000	150,000	1,500,000	1,500,000	-	-	-	-	1,650,000	1,650,000	2026	2027
Network Extension Total	51831/1228	Rennie - Woodward to East End	-	-	1,960,000	1,960,000	900,000	900,000	- 11,000,000	- 11,000,000	9,500,000	9,500,000	1,370,000	1,370,000	1,370,000 24,730,000	1,370,000 24,730,000	2031	2031
New	5182067875	Beach Strip Stormwater Pumping Stations (CASH FLOWED)	2,390,000	2,390,000	250,000	250,000	4,290,000	3,003,000	7,310,000	4,310,000	3,930,000	2,358,000	-	-	18,170,000	12,311,000	2020	2028
	5182323875		805,000	805,000	-	-	-	-	2,950,000	2,950,000	-	-	-	-	3,755,000	3,755,000	1905	1905
	5182380090	Beach Strip Stormwater Collection System Improvements	4,000,000	_	-		4,000,000		-	_	4,000,000		12,000,000	_	24,000,000		1905	1905
		SWMP - A14 - Springbrook Corners	1,290,000	-	538,000	-	-	-	-	-	-	-	-	-	1,828,000		2023	2025
		SWMP - SL3 - Block 2 (844 Barton Street)	3,320,000	-	1,485,000	-	-	-	-	-	-	-	-	-	4,805,000	-	1905	1905
	5182380392	SWMP - BMH20 - Binbrook Settlement Area	3,933,000	-	1,743,000	-	-	-	-	-	-	-	-	-	5,676,000	-	1905	1905
	5182380393	SWMP - HAM30 - St. Elizabeth's Village Expansion Retrofit	1,780,000	-	317,000	-	-	-	-	-	-	-	-	-	2,097,000	-	2023	2025
	5182380864		1,565,000	-	532,000	-	-	-	-	-	-	-	-	-	2,097,000	-	2023	2025
	5182460214	SERG Barksido & Kipling Stormwater Infrastructure	200,000	200,000	318,000	198,000	1,100,000	700,000	1,100,000	700,000	2,650,000	1,650,000	10,400,000	6,280,000	15,768,000	9,728,000	2023	2038
	5182400214	CASH FLOW	200,000	200,000	318,000	198,000	1,100,000	700,000	1,100,000	700,000	2,030,000	1,050,000	10,400,000	0,280,000	13,708,000	5,728,000	2023	2038
	5182480491	SWMP - SCM22 - Nash Neighbourhood - Davis Creek Subwatershed Study	2,970,000	-	151,000	-	-	-	-	-	-	-	-	-	3,121,000	-	2024	2025
	5182480496	SWMP - SCI 12 - Block 3 - Fruitland/Winona	10,334,000	_	4,656,000				_				_		14,990,000	_	1905	1905
		Subwatershed Study (Phase 3)	10,334,000			-										-		
		Drainage - Moxley Road Improvements	-	-	900,000	900,000	-	-	-	-	-	-	-	-	900,000	900,000	1905 2025	1905 2025
		Lewis Rd Oversized Storm Sewer - Barton St to Hwy 8 SWMP - H28 - 305 Stone Church Road West	-	-	4,000,000 5,175,000	-	-	-	-	-	-	-	-	-	4,000,000 5,175,000	-	2025	2025
		SWMP - BMH21 - Binbrook Settlement Area	-	-	4,036,000	-	_	_			_				4,036,000		2025	2025
		SWMP - BMH24 - Caterini Subdivision	-	-	2,089,000	-	-	-	-	-	-	-	-	-	2,089,000	-	2025	2025
		SWMP - SCL29 - Block 1 - Fruitland/Winona	-	-	7,458,000	-	-		-	-			-	-	7,458,000	-	2025	2025
	5182580595	SWMP - SCL30 - Block 1 - Fruitland/Winona	-	-	4,724,000	-	_	_	-	_	_			_	4,724,000		2025	2025
		Subwatershed Study (Phase 3)			4,724,000													
New Total	5182680650	Watercourse 5 Barton St Culvert Crossing	- 32,587,000	3,395,000	- 38,372,000	- 1,348,000	750,000	3,703,000	- 11,360,000	- 7,960,000	- 10,580,000	4,008,000	- 22,400,000	- 6,280,000	750,000 125,439,000	- 26,694,000	2026	2026
New Iotal			32,307,000	3,333,000	30,372,000	1,540,000	10,140,000	3,703,000	11,500,000	7,500,000	10,500,000	4,000,000	22,400,000	0,200,000	123,433,000	20,034,000		
	5181372295	SERG - Mount Albion Stormwater Management Facility	780,000	780,000	550,000	550,000									1,330,000	1,330,000	2013	2025
Rehabilitation / Renovation	5161572295	Renabilitation	780,000	780,000	550,000	550,000	-	-	-	-	-	-	-	-	1,550,000	1,550,000	2015	2025
	5181767723	Grafton and Centennial Stormwater Pumping Stations -	3,800,000	3,800,000	770,000	770,000	50,000	50,000	-	-	-	-	-	-	4,620,000	4,620,000	2017	2026
	5193217153	Standby Power Right of Way Drainage Program	3,970,000	2,470,000	3,215,000	3,215,000	3,279,300	3,279,300	3.344.886	3.344.886	3,411,784	3,411,784	21,952,383	21,952,383	39,173,353	37,673,353	2023	2049
		Concrete Box Culvert Rehab/Repair - T.O.M.	500,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	1,500,000	1,500,000	3,000,000	2,750,000	2023	2049
		Culvert rehabilitation (Bridge 086) - Cross St. 25 metres							,				_,,	_,,				
	5182318086	south of Alma St	152,000	52,000	1,700,000	1,700,000	-	-	-	-	-	-	-	-	1,852,000	1,752,000	1905	1905
		SWM Facility Maintenance Program	4,587,000	4,587,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	15,000,000	15,000,000	29,587,000	29,587,000	1905	1905
	5182360722	Municipal Drain Program	-				100.000	25,000	100,000	25,000	100,000	25,000	600,000	150,000	1,050,000	262,000	2025	2049
					150,000	37,000	100,000										2024	2049
	5182374950	Watercourse and Drainage Channel Maintenance	1,260,000	1,260,000	860,000	860,000	460,000	460,000	460,000	460,000	860,000	860,000	2,920,000	2,920,000	6,820,000	6,820,000		
	5182374950 5182460430	Watercourse and Drainage Channel Maintenance Queenston Storm Sewer Rehabilitation	1,260,000 500,000	1,260,000 500,000	860,000 3,000,000	860,000 3,000,000				460,000	860,000 -	860,000	2,920,000	2,920,000	3,500,000	3,500,000	2024	2025
	5182374950 5182460430 5182567002	Watercourse and Drainage Channel Maintenance Queenston Storm Sewer Rehabilitation West Harbour Front Eutrophication			860,000	860,000			460,000 - -	-	-	-	2,920,000	2,920,000	3,500,000 550,000	3,500,000 550,000	2024 2025	2025 2025
	5182374950 5182460430 5182567002 5182761073	Watercourse and Drainage Channel Maintenance Queenston Storm Sewer Rehabilitation West Harbour Front Eutrophication Large Sewermain Lining - Stanley Ave			860,000 3,000,000	860,000 3,000,000				460,000 - - 100,000 -	860,000 - - 1,500,000 -	860,000 - - 1,500,000 -	2,920,000 - - - 400,000	2,920,000 - - - 400,000	3,500,000	3,500,000	2024	2025
Rehabilitation / Renovation Total	5182374950 5182460430 5182567002 5182761073	Watercourse and Drainage Channel Maintenance Queenston Storm Sewer Rehabilitation West Harbour Front Eutrophication	500,000 - - -		860,000 3,000,000	860,000 3,000,000			460,000 - -	-	-	-	- -	- -	3,500,000 550,000 1,600,000	3,500,000 550,000 1,600,000	2024 2025 2027	2025 2025 2028
	5182374950 5182460430 5182567002 5182761073 5183174342	Watercourse and Drainage Channel Maintenance Queenston Storm Sewer Rehabilitation West Harbour Front Europhication Large Sewermain Lining - Stanley Ave 751 Mud St E Drainage Cleanout	500,000 - - 15,549,000	500,000 - - 13,699,000	860,000 3,000,000 550,000 - - 13,545,000	860,000 3,000,000 550,000 - - 13,432,000	460,000 - - - -	460,000 - - - -	460,000 - - 100,000 -	- - 100,000 -	- - 1,500,000 -	- - 1,500,000 -	- - - 400,000	- - - 400,000	3,500,000 550,000 1,600,000 400,000 93,482,353	3,500,000 550,000 1,600,000 400,000 90,844,353	2024 2025 2027 2031	2025 2025 2028 2031
Rehabilitation / Renovation Total	5182374950 5182460430 5182567002 5182761073 5183174342 5181874841	Watercourse and Drainage Channel Maintenance Queenston Storm Sewer Rehabilitation West Harbour Front Eutrophication Large Sewermain Lining - Stanley Ave 751 Mud St E Drainage Cleanout	500,000 - - 15,549,000 850,000	500,000 - - 13,699,000 630,000	860,000 3,000,000 550,000 - 13,545,000 2,650,000	860,000 3,000,000 550,000 - 13,432,000 2,650,000	460,000 - - - - - 6,639,300 -	460,000 - - - - - 6,564,300 -	460,000 - - 100,000 - 6,754,886 -	- - 100,000 - 6,679,886	- - 1,500,000 - 8,621,784	- - 1,500,000 - 8,546,784	400,000	400,000	3,500,000 550,000 1,600,000 400,000 93,482,353 3,500,000	3,500,000 550,000 1,600,000 400,000 90,844,353 3,280,000	2024 2025 2027 2031 2018	2025 2025 2028 2031 2025
	5182374950 5182460430 5182567002 5182761073 5183174342 5181874841 5182317458	Watercourse and Drainage Channel Maintenance Queenston Storm Sewer Rehabilitation West Harbour Front Eutrophication Large Sewermain Lining - Stanley Ave 751 Mud St E Drainage Cleanout Lower Davis Creek - Flood Control Facility Catch Basin Replacement/Rehabilitation Program Unschedule Machdoned Coursenait	500,000 - - 15,549,000 850,000 1,250,000	500,000 - - - 13,699,000 630,000 1,250,000	860,000 3,000,000 550,000 - 13,545,000 2,650,000 1,200,000	860,000 3,000,000 550,000 - 13,432,000 2,650,000 1,200,000	460,000 - - - - - - - - - - 1,224,000	460,000 - - - - - - - - - - 1,224,000	460,000 - - 100,000 - 6,754,886 - 1,248,480	- - 100,000 - 6,679,886 - 1,248,480	- - 1,500,000 - 8,621,784 - 1,273,450	- - 1,500,000 - 8,546,784 - 1,273,450	- - - 400,000 42,372,383 - 8,193,736	- - 400,000 41,922,383 - 8,193,736	3,500,000 550,000 1,600,000 400,000 93,482,353 3,500,000 14,389,666	3,500,000 550,000 1,600,000 400,000 90,844,353 3,280,000 14,389,666	2024 2025 2027 2031 2018 2023	2025 2025 2028 2031 2025 2025 2049
	5182374950 5182460430 5182567002 5182761073 5183174342 5181874841	Watercourse and Drainage Channel Maintenance Queenston Storm Sewer Rehabilitation West Harbour Front Eutrophication Large Sewermain Lining - Stanley Ave 751 Mud St E Drainage Cleanout Lower Davis Creek - Flood Control Facility Catch Basin Replacement/Rehabilitation Program Unschedule Machdoned Coursenait	500,000 - - 15,549,000 850,000	500,000 - - 13,699,000 630,000	860,000 3,000,000 550,000 - 13,545,000 2,650,000	860,000 3,000,000 550,000 - 13,432,000 2,650,000	460,000 - - - - - 6,639,300 -	460,000 - - - - - 6,564,300 -	460,000 - - 100,000 - 6,754,886 -	- - 100,000 - 6,679,886	- - 1,500,000 - 8,621,784	- - 1,500,000 - 8,546,784	400,000	400,000	3,500,000 550,000 1,600,000 400,000 93,482,353 3,500,000	3,500,000 550,000 1,600,000 400,000 90,844,353 3,280,000	2024 2025 2027 2031 2018	2025 2025 2028 2031 2025
	5182374950 5182460430 5182567002 5182767073 5183174342 5181874841 5182317458 5182361740	Watercourse and Drainage Channel Maintenance Queenston Storm Sewer Rehabilitation West Harbour Front Europhication Large Sewermain Lining - Stanley Ave 751 Mud St E Drainage Cleanout Lower Davis Creek - Flood Control Facility Catch Basin Replacement/Rehabilitation Program Unscheduled Manhole and Sewermain Replacement	500,000 - - 15,549,000 850,000 1,250,000	500,000 - - 13,699,000 630,000 1,250,000	860,000 3,000,000 550,000 - 13,545,000 2,650,000 1,200,000	860,000 3,000,000 550,000 - 13,432,000 2,650,000 1,200,000	460,000 - - - - - - - - - - 1,224,000	460,000 - - - - - - - - - - 1,224,000	460,000 - - 100,000 - 6,754,886 - 1,248,480	- - 100,000 - 6,679,886 - 1,248,480	- - 1,500,000 - 8,621,784 - 1,273,450	- - 1,500,000 - 8,546,784 - 1,273,450	- - - 400,000 42,372,383 - 8,193,736	- - 400,000 41,922,383 - 8,193,736	3,500,000 550,000 1,600,000 400,000 93,482,353 3,500,000 14,389,666	3,500,000 550,000 1,600,000 400,000 90,844,353 3,280,000 14,389,666	2024 2025 2027 2031 2018 2023	2025 2025 2028 2031 2025 2049 2049
	5182374950 5182460430 5182567002 5182761073 5183174342 5181874841 5182317458 5182361740 5182361740	Watercourse and Drainage Channel Maintenance Queenston Storm Sewer Rehabilitation West Harbour Front Europhication Large Sewermain Lining - Stanley Ave 751 Mud St E Drainage Cleanout Course Davis Creek - Flood Control Facility Catch Basin Replacement/Rehabilitation Program Unscheduled Manhole and Sewermain Replacement Program Contingency for Unscheduled Works Program Culvert HAM-37223 and Slope Stabilization - Sanatorium -	500,000 - - 15,549,000 1,250,000 400,000 200,000	500,000 - - 13,699,000 630,000 1,250,000 400,000 100,000	860,000 3,000,000 550,000 - - 13,545,000 2,650,000 1,200,000 150,000 100,000	860,000 3,000,000 550,000 - - 13,432,000 2,650,000 1,200,000 150,000 100,000	460,000 - - - 6,639,300 - 1,224,000 200,000	460,000 - - - 6,564,300 - 1,224,000 200,000	460,000 - 100,000 - 6,754,886 - 1,248,480 200,000	- 100,000 - 6,679,886 - 1,248,480 200,000	- - 1,500,000 - 8,621,784 - 1,273,450 200,000	- - 1,500,000 - 8,546,784 - 1,273,450 200,000	- - - 400,000 42,372,383 - 8,193,736 1,200,000	- - - 400,000 41,922,383 - 8,193,736 1,200,000	3,500,000 550,000 1,600,000 400,000 93,482,353 3,500,000 14,389,666 2,350,000 2,100,000	3,500,000 550,000 1,600,000 400,000 90,844,353 3,280,000 14,389,666 2,350,000 2,000,000	2024 2025 2027 2031 2018 2023 2023 2023 2023	2025 2025 2028 2031 2025 2049 2049 2049
	5182374950 5182460430 5182567002 5182761073 5183174342 5181874841 5182317458 5182361740 5182372074 5182460420	Watercourse and Drainage Channel Maintenance Queenston Storm Sewer Rehabilitation West Harbour Front Europhication Large Sewermain Lining - Stanley Ave 751 Mud St E Drainage Cleanout Court Davis Creek - Flood Control Facility Catch Basin Replacement/Rehabilitation Program Unscheduled Manhole and Sewermain Replacement Program Contingency for Unscheduled Works Program Culvert HAM-37223 and Slope Stabilization - Sanatorium - 200m N/O Scenic	500,000 - - 15,549,000 1,250,000 400,000 200,000 150,000	500,000 - - 13,699,000 630,000 1,250,000 400,000 100,000 150,000	860,000 3,000,000 550,000 1,550,000 1,200,000 150,000 100,000 800,000	860,000 3,000,000 550,000 1,432,000 2,650,000 1,200,000 150,000 100,000 800,000	460,000 - - - 6,639,300 - 1,224,000 200,000	460,000 - - - 6,564,300 - 1,224,000 200,000	460,000 - 100,000 - 6,754,886 - 1,248,480 200,000	- 100,000 - 6,679,886 - 1,248,480 200,000	- - 1,500,000 - 8,621,784 - 1,273,450 200,000	- - 1,500,000 - 8,546,784 - 1,273,450 200,000	- - - 400,000 42,372,383 - 8,193,736 1,200,000	- - - 400,000 41,922,383 - 8,193,736 1,200,000	3,500,000 550,000 400,000 93,482,353 3,500,000 14,389,666 2,350,000 2,100,000 950,000	3,500,000 550,000 1,600,000 400,000 90,844,353 3,280,000 14,389,666 2,350,000 2,000,000 950,000	2024 2025 2027 2031 2018 2023 2023 2023 2023 2024	2025 2025 2028 2031 2025 2049 2049 2049 2049 2049
	5182374950 5182460430 5182567002 5182567003 5183174342 5181874841 5182317458 5182361740 5182372074 5182372074 5182460420 5182461451	Watercourse and Drainage Channel Maintenance Queenston Storm Sewer Rehabilitation West Harbour Front Eutrophication Large Sewermain Lining - Stanley Ave 751 Mud St E Drainage Cleanout Lower Davis Creek - Flood Control Facility Catch Basin Replacement/Rehabilitation Program Unscheduled Manhole and Sewermain Replacement Program Contingency for Unscheduled Works Program Culvert HAM-37223 and Slope Stabilization - Sanatorium - 200m N/O Scenic Church Street Storm Outfall Replacement	500,000 - - 15,549,000 1,250,000 400,000 200,000	500,000 - - 13,699,000 630,000 1,250,000 400,000 100,000	860,000 3,000,000 550,000 - - 13,545,000 2,650,000 1,200,000 150,000 100,000	860,000 3,000,000 550,000 - - 13,432,000 2,650,000 1,200,000 150,000 100,000	460,000 - - - 6,639,300 - 1,224,000 200,000	460,000 - - - 6,564,300 - 1,224,000 200,000	460,000 - 100,000 - 6,754,886 - 1,248,480 200,000	- 100,000 - 6,679,886 - 1,248,480 200,000	- 1,500,000 - - 8,621,784 - 1,273,450 200,000 200,000 - - -	- 1,500,000 - - 1,273,450 200,000 200,000 - -	- - - 400,000 42,372,383 - 8,193,736 1,200,000	- - - 400,000 41,922,383 - 8,193,736 1,200,000	3,500,000 550,000 400,000 93,482,353 3,500,000 14,389,666 2,350,000 2,100,000 950,000 1,930,000	3,500,000 550,000 1,600,000 90,844,353 3,280,000 14,389,666 2,350,000 2,000,000 950,000 1,930,000	2024 2025 2027 2031 2018 2023 2023 2023 2023 2024 1905	2025 2025 2028 2031 2025 2049 2049 2049 2049 2025 1905
Replacement	5182374950 5182460430 5182567002 5182567003 5183174342 5181874841 5182317458 5182361740 5182372074 5182372074 5182460420 5182461451	Watercourse and Drainage Channel Maintenance Queenston Storm Sewer Rehabilitation West Harbour Front Europhication Large Sewermain Lining - Stanley Ave 751 Mud St E Drainage Cleanout Court Davis Creek - Flood Control Facility Catch Basin Replacement/Rehabilitation Program Unscheduled Manhole and Sewermain Replacement Program Contingency for Unscheduled Works Program Culvert HAM-37223 and Slope Stabilization - Sanatorium - 200m N/O Scenic	500,000 - - - 15,549,000 1,250,000 400,000 200,000 150,000 -	500,000 - - - - - - - - - - - - - - - - -	860,000 3,000,000 550,000 1,200,000 1,200,000 150,000 100,000 800,000 1,430,000	860,000 3,000,000 550,000 1,200,000 1,200,000 150,000 100,000 800,000 1,430,000	460,000 - - - 6,639,300 - 1,224,000 200,000 200,000 - - - - -	460,000 - - - 6,564,300 - 1,224,000 200,000 200,000 - - - - -	460,000 - - 100,000 - - 6,754,886 - 1,248,480 200,000 200,000 - - - - -	- 100,000 - - 1,248,480 200,000 200,000 - - - -	- 1,500,000 - 8,621,784 - 1,273,450 200,000 200,000 - - 1,710,000	- 1,500,000 - - 1,273,450 200,000 200,000 - - 1,710,000	- 400,000 42,372,383 - 8,193,736 1,200,000 1,200,000 - - - -	- 400,000 41,922,383 - 8,193,736 1,200,000 1,200,000 - - - -	3,500,000 550,000 1,600,000 93,482,353 3,500,000 14,389,666 2,350,000 2,100,000 950,000 1,930,000 1,710,000	3,500,000 550,000 1,600,000 90,844,353 3,280,000 14,389,666 2,350,000 2,000,000 950,000 1,930,000 1,710,000	2024 2025 2027 2031 2018 2023 2023 2023 2023 2024	2025 2025 2028 2031 2025 2049 2049 2049 2049 2049
	5182374950 5182460430 5182567002 5182567003 5183174342 5181874841 5182317458 5182361740 5182372074 5182372074 5182460420 5182461451	Watercourse and Drainage Channel Maintenance Queenston Storm Sewer Rehabilitation West Harbour Front Eutrophication Large Sewermain Lining - Stanley Ave 751 Mud St E Drainage Cleanout Lower Davis Creek - Flood Control Facility Catch Basin Replacement/Rehabilitation Program Unscheduled Manhole and Sewermain Replacement Program Contingency for Unscheduled Works Program Culvert HAM-37223 and Slope Stabilization - Sanatorium - 200m N/O Scenic Church Street Storm Outfall Replacement	500,000 - - 15,549,000 1,250,000 400,000 200,000 150,000	500,000 - - 13,699,000 630,000 1,250,000 400,000 100,000 150,000	860,000 3,000,000 550,000 1,550,000 1,200,000 150,000 100,000 800,000	860,000 3,000,000 550,000 1,432,000 2,650,000 1,200,000 150,000 100,000 800,000	460,000 - - - 6,639,300 - 1,224,000 200,000	460,000 - - - 6,564,300 - 1,224,000 200,000	460,000 - 100,000 - 6,754,886 - 1,248,480 200,000	- 100,000 - 6,679,886 - 1,248,480 200,000	- 1,500,000 - - 8,621,784 - 1,273,450 200,000 200,000 - - -	- 1,500,000 - - 1,273,450 200,000 200,000 - -	- - - 400,000 42,372,383 - 8,193,736 1,200,000	- - - 400,000 41,922,383 - 8,193,736 1,200,000	3,500,000 550,000 400,000 93,482,353 3,500,000 14,389,666 2,350,000 2,100,000 950,000 1,930,000	3,500,000 550,000 1,600,000 90,844,353 3,280,000 14,389,666 2,350,000 2,000,000 950,000 1,930,000	2024 2025 2027 2031 2018 2023 2023 2023 2023 2024 1905	2025 2025 2028 2031 2025 2049 2049 2049 2049 2025 1905
Replacement	5182374950 5182460430 518256700 5182761073 5183174342 5181874841 5182317458 5182361740 5182361740 5182372074 5182460420 5182461451 5182872295	Watercourse and Drainage Channel Maintenance Queenston Storm Sewer Rehabilitation West Harbour Front Eutrophication Large Sewermain Lining - Stanley Ave 751 Mud St E Drainage Cleanout Lower Davis Creek - Flood Control Facility Catch Basin Replacement/Rehabilitation Program Unscheduled Manhole and Sewermain Replacement Program Contingency for Unscheduled Works Program Culvert HAM-37223 and Slope Stabilization - Sanatorium - 200m N/O Scenic Church Street Storm Outfall Replacement	500,000 - - - 15,549,000 1,250,000 400,000 200,000 150,000 -	500,000 - - - - - - - - - - - - - - - - -	860,000 3,000,000 550,000 1,200,000 1,200,000 150,000 100,000 800,000 1,430,000	860,000 3,000,000 550,000 1,200,000 1,200,000 150,000 100,000 800,000 1,430,000	460,000 - - - 6,639,300 - 1,224,000 200,000 200,000 - - - - -	460,000 - - - 6,564,300 - 1,224,000 200,000 200,000 - - - - -	460,000 - - 100,000 - - 6,754,886 - 1,248,480 200,000 200,000 - - - - -	- 100,000 - - 1,248,480 200,000 200,000 - - - -	- 1,500,000 - 8,621,784 - 1,273,450 200,000 200,000 - - 1,710,000	- 1,500,000 - - 1,273,450 200,000 200,000 - - 1,710,000	- 400,000 42,372,383 - 8,193,736 1,200,000 1,200,000 - - - -	- 400,000 41,922,383 - 8,193,736 1,200,000 1,200,000 - - - -	3,500,000 550,000 1,600,000 93,482,353 3,500,000 14,389,666 2,350,000 2,100,000 950,000 1,930,000 1,710,000	3,500,000 550,000 1,600,000 90,844,353 3,280,000 14,389,666 2,350,000 2,000,000 950,000 1,930,000 1,710,000	2024 2025 2027 2031 2018 2023 2023 2023 2023 2024 1905	2025 2025 2028 2031 2025 2049 2049 2049 2049 2025 1905

CITY OF HAMILTON STORM WATER MANAGEMENT 2025 - 2034 CAPITAL BUDGET LIST (\$)

Project Type	Project ID Title	Pre	2025	20)25	20	26	20)27	20	028	Rem	aining	Projec	t Total	Start	End
		Gross	Net	Gross	Net	Gross	Net	Year	Year								
Unspecified Projects	5182500001 Unspecified Storm Projects - NOT TO BE SET UP IN PEOPLESOFT	-	-	-	-	-	-	-	-	-	-	179,629,191	179,629,191	179,629,191	179,629,191	2032	2034
Unspecified Projects Total		-	-	-	-	-	-	-	-	-	-	179,629,191	179,629,191	179,629,191	179,629,191		
Grand Total		74,489,000	41,767,000	74,580,000	37,413,000	48,618,300	41,906,300	56,523,366	52,800,366	63,375,234	48,008,234	406,345,310	386,827,310	723,931,210	608,722,210		

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Appendix "S" to Report FCS24055 Page 1 of 1

CITY OF HAMILTON 2025 Rate Program Capital Budget Summary (\$000'S)

								Financing	J Source
			Subsidy/		WIP / Other			Contribution	External
		Gross	Other	Development	Internal		Net	From	Borrowings
		Costs	Revenues	Charges	Sources	Reserves	Cost	Operating	(Debentures)
						· · · ·			
2025	Coordinated - Network Extension	2,922	-	1,227	-	-	1,695	593	1,102
	Coordinated - Other	450	-	-	-	-	450	450	-
	Coordinated - Rehabilitation	430	-	-	-	-	430	430	-
	Coordinated - Replacement	5,600	-	-	-	-	5,600	2,800	2,800
	Coordinated - Upgrade	600	100	-	-	-	500	500	-
	Coordinated Network Extension (50/50)	-	-	-	-	-	-	-	-
	Coordinated Replacement (50/50)	2,400	-	-	-	-	2,400	2,400	-
	Demolition / Disposal	500	-	-	-	-	500	500	-
	Enhancement	10,537	-	-	-	-	10,537	10,537	-
	Expansion / Extension	18,118	1,893	13,177	-	-	3,048	2,498	550
	Feasibility Plans / EA's/ Studies	22,542	-	2,218	-	-	20,325	20,325	-
	Licenses	330	-	-	-	-	330	330	-
	Network Extension	8,140	-	6,130		-	2,010	110	1,900
	New	50,869	466	41,195		-	9,208	6,420	2,788
	Rehabilitation / Renovation	133,161	113	9,675		-	123,373	81,688	41,685
	Relocation	-	-	-	-	-	-	-	-
	Replacement	46,026	47	20,549	-	-	25,429	24,329	1,100
	Safety/ Security	1,575	-	104	-	-	1,471	1,471	-
	Staffing Costs	10,700	-	-	-	-	10,700	10,700	-
	Total	314,900	2,619	94,275	-	-	218,006	166,080	51,925

City of Hamilton Treasurer's Updated 2024 Annual Repayment Limit	
2024 Annual Repayment Limit - effective January 1, 2024, as prepared by the Ministry of Municipal Affairs and Housing on March 11, 2024, based on 2022 Financial Information Return	\$329,652,655
Annual debt service charges on Municipal and Tax Supported Development Charges debt approved to-date 2024 and prior years but not yet issued (\$957.868 M @ 5.5% for 15-year term)	-\$95,428,146
Annual debt service charges on Municipal and Tax Supported Development Charges debt approved but not yet issued - ICIP Transit (\$93.4395 M @ 5.5% for 15-year term)	-\$9,308,966
Annual debt service charges on Municipal and Tax Supported Development Charges debt approved but not yet issued - West Harbour (\$62.878 M @ 5.5% for 15-year term)	-\$6,264,280
Annual debt service charges on City Housing Hamilton debt approved but not yet issued and guaranteed by City of Hamilton (\$102.337 M @ 5% for 30-year term)	-\$6,657,151
Annual debt service charges on Municipal and Tax Supported Development Charges debt approved but not yet issued - Waterdown Station (\$34.136 M @ 5.5% for 15-year term)	-\$3,400,864
Annual debt service charges on Municipal and Tax Supported Development Charges debt approved but not yet issued - New Paramedic Facility (\$69.0 M @ 5.5% for 15-year term)	-\$6,874,166
Annual debt service charges on Municipal and Tax Supported Development Charges debt approved but not yet issued - Macassa (\$42.297 M @ 5.5% for 15-year term)	-\$4,213,832
Annual debt service charges on debentures discharged in 2022-2024	\$7,983,627
Adjustment for annual debt service charges on outstanding City Housing Hamilton mortgages and City of Hamilton Tangible Capital Leases	\$539,146
Updated 2024 Annual Repayment Limit - a calculation by the Treasurer representing an estimate of the maximum amount available to commit to annual debt service charges	\$206,028,022
Debenture amount at 5.5% interest rate for 15-year term (amortizer) corresponding to the annual debt service charges of \$206,028,022	\$2,068,022,945

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2025 Preliminary Water, Wastewater and Stormwater Rate Supported Budget





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AGENDA

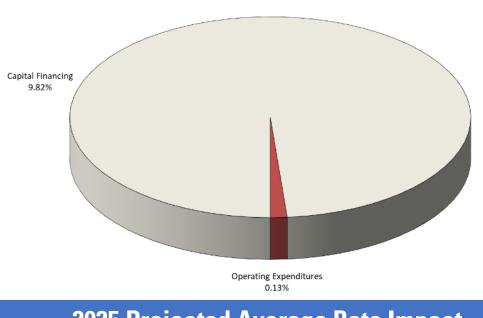
- Introduction
- 2024 Highlights
- Supporting Hamilton's Growth
- Challenges
- Multi-Year Outlook
- 2025 Budget and FTE Business Cases
- Government Advocacy
- Questions



2025 Preliminary Water, Wastewater and Stormwater Rate Supported Budget

Planned Rate Revenue (Average Residential) increase is currently set at **9.95%**

- Recommended 2025 **operating budget of \$121.5M** (0.01% increase from last year's 2025 forecast)
- Recommended 2025 capital budget of \$315M (gross, 16% decrease from 2024 rate budget forecast for 2025)
- Total increase to 10-year capital expenditures of \$382M compared to 2024 rate budget
- Recommended 9 new FTEs which align with Term of Council priorities and Mayoral Directive to Staff (MDI-2024-03) on the 2025 Budget Process (October 28, 2024)



Drivers of 9.95% Rate Increase

2025 Projected Average Rate Impact		
	\$	%
Operating Expenditures	\$1.26	0.13%
Capital Financing	\$94.84	9.82 %
Average Residential Impact	\$96.10	9.95%



DRINKING WATER QUALITY MANAGEMENT SYSTEM POLICY



Hamilton

The City of Hamilton owns, maintains and operates various drinking water systems. The City is committed to:



Safe, high quality, consistent supply of drinking water

Always improving the Drinking Water Quality Management System



Following and complying with applicable legislation



Effective and open communication with the community concerning matters of drinking water quality

WASTEWATER QUALITY MANAGEMENT SYSTEM POLICY



The City of Hamilton owns, maintains and operates various wastewater systems. The City is committed to:



Compliance with all legal and othe equirements



aders in pollution prevention



Effective Communication with the community



Always improving the Wastewater Quality Management System



Noteworthy innovation

Hamilton BCC







Water Supply Water Distribution Water Support Services Infrastructure Management

Wastewater Treatment Wastewater Collection Wastewater Support Services Infrastructure Management

HAMILTON WATER – SERVICES AND SUBSERVICES

 Danger

 Stormwater Pond

 Dotential Flood Hazard

 Descentral Flood Hazard

 Descentrale

Stormwater Treatment Stormwater Collection Stormwater Support Services Infrastructure Management 2022-2026 Term of Council Priorities



Sustainable Economic and Ecological Development



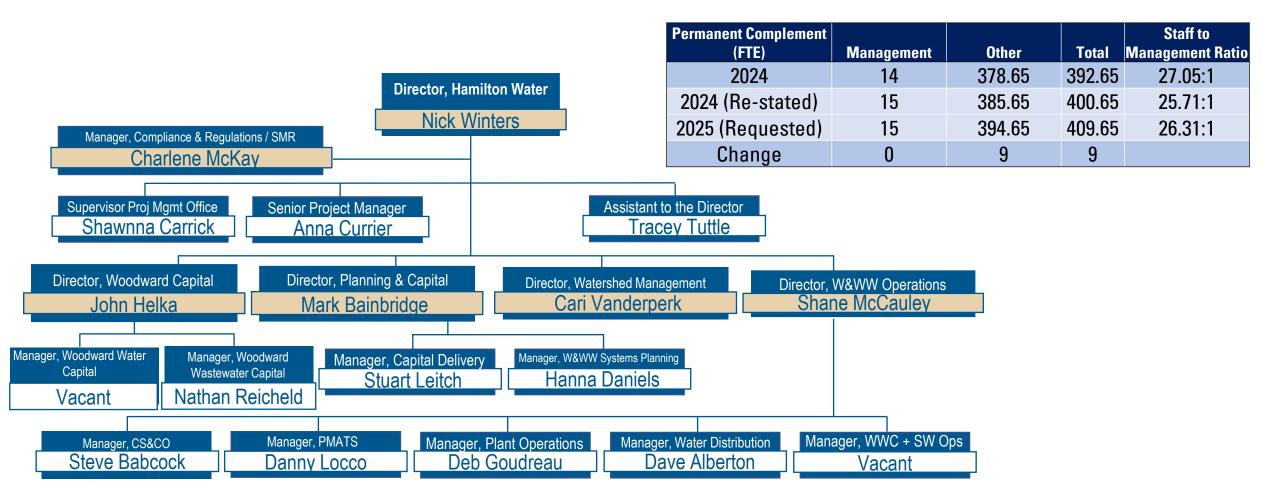
Safe and Thriving Neighbourhoods



Responsiveness and Transparency



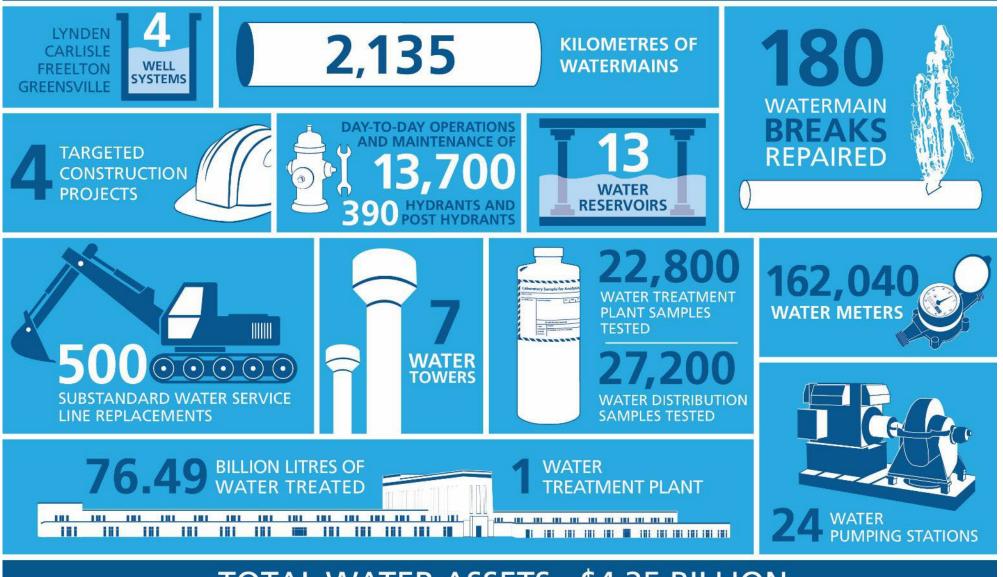
2025 Preliminary Water, Wastewater and Stormwater Rate Supported Budget INTRODUCTION





WATER FORECAST 2024

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TOTAL WATER ASSETS - \$4.25 BILLION



WASTEWATER FORECAST 2024

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TOTAL WASTEWATER ASSETS - \$7.25 BILLION



STORMWATER FORECAST 2024

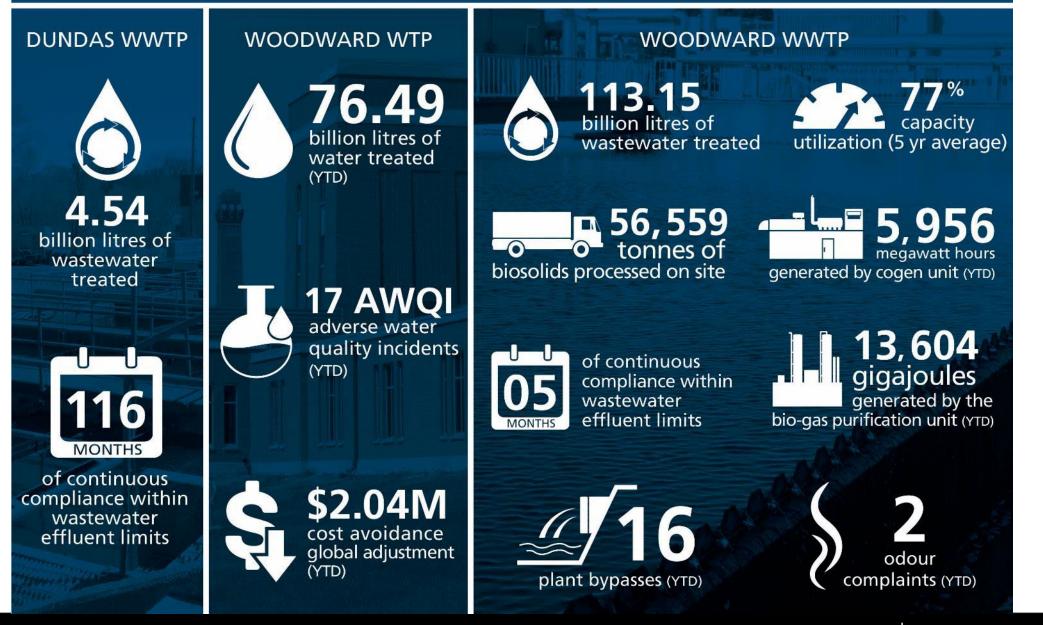
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SYSTEM PERFORMANCE FORECAST 2024

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2024 HIGHLIGHTS



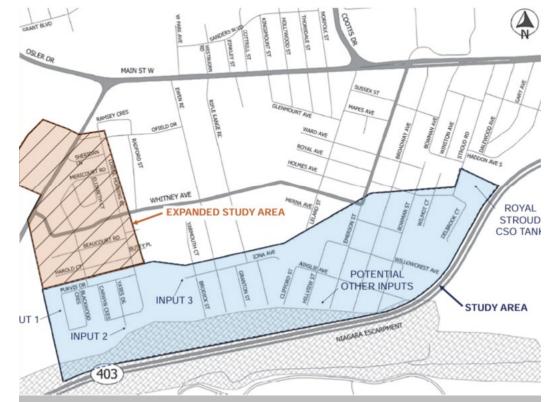
PUBLIC WORKS



2025 Preliminary Water, Wastewater and Stormwater Rate Supported Budget 2024 HIGHLIGHTS

Municipal Class Environmental Assessments

Environmental Assessment	Status
Ainslie Wood Sewer Separation	Complete
Carlisle Water Storage	Complete
Greensville Drinking Water System	Complete
Beach Blvd Flooding and Drainage	In Progress
Waterdown Trunk Watermain Twinning	In Progress
McMaster University Gardens W. Sanitary Pumping Station	In Progress
Lower Chedoke EA	In Progress
Chedoke Watershed Stormwater Retrofits	In Progress
West End Sewer Separation	New
Parkdale Sewage Pumping Station	New



Ainslie Wood Sewer Separation EA – study area





Capital Projects in Design

- Woodley Lane Reservoir Upgrades (2026)
- Scenic Drive Reservoir Cleaning (2027)
- WTP Low Voltage Electrical Upgrades (2025)
- WTP Pre-Treatment Isolation Valves (2026)
- WTP HLPS Large Valve Replacement (2027)
- Greenhill Pumping Station Upgrades (2027)
- York & Valley Pumping Station Upgrades (2028)

- Dundas WWTP Upgrades Conceptual Design (2033)
- Greenhill CSO Upgrades (2027)
- Rockcliffe Pumping Station Upgrades (2026)
- Grafton and Centennial Stormwater Pumping Stations (2025)
- DMAF Backflow Valves (2026)

Water



Wastewater





(year indicates construction substantial performance year)





Capital Projects in Construction

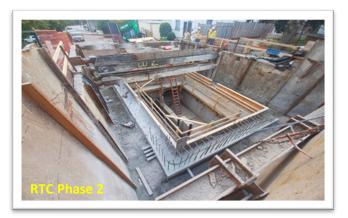
- Garner Road Pumping Station Upgrades (2025)
- Lynden Municipal Well Upgrades (2025)
- Highland Road Reservoir Upgrades (2025)
- WTP Highlift Pump Station HVAC (2025)
- WTP Low Voltage Upgrades (2025)
- WTP North Chamber Upgrades (2025)

Water



- Dundas WWTP Health & Safety Repairs (2026)
- Real Time Control -Phase 2 (2024)
- Calvin Street Wastewater Pumping Station Upgrades (2025)







(year indicates construction substantial performance year)



Infrastructure Renewal - Water



Kenilworth PS 1050mm Feedermain

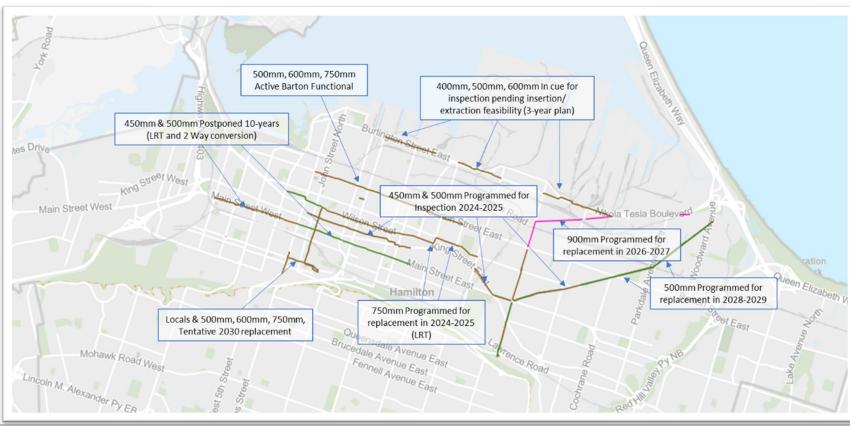
- 2023 urgent work completed
- 2024 Contract works and Emergency Works (vertical rehabilitation) completed

Watermain Lining

- 4.16 km projected for 2024 completion
- 5 Sensitive Crossings complete
- \$7.5M average annual expenditure
- Cured In Place Pipe (CIPP) cost-effective, trenchless technology reduces excavation requirements, traffic impacts, and infrastructure damage



Infrastructure Renewal - Water



Transmission Mains

- Over 100 years old
- Programmed for capital replacement and/or inspection

Large Diameter Watermain Inspection Program

- Ongoing
- Approximately 10 km inspected in 2024
- Anticipate inspecting 6 km in 2025

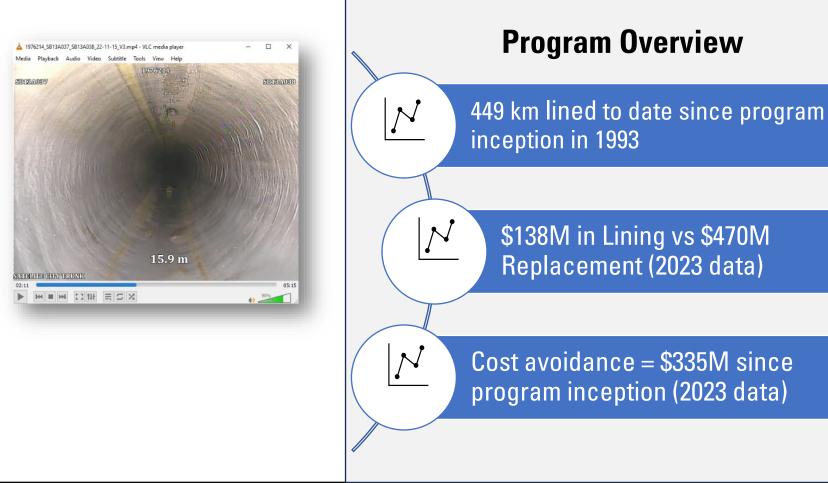






Infrastructure Renewal - Wastewater

- Mainline Sewers 11km Lined
- Sewer Laterals
 - July-Dec 2023 106 Installs
 - 2024 354 Installs
- Both contracts expiring in 2024, new RFPs to be tendered this year
- 2025 programs scoped







Woodward WWTP - Tertiary Treatment Upgrades

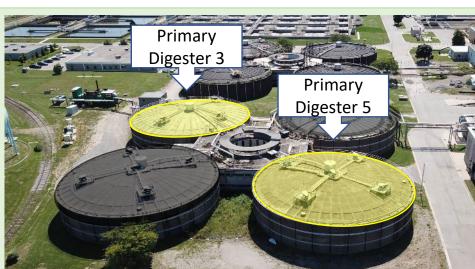


- Substantial Performance reached April 15, 2024
- Tertiary Treatment Facility containing 10 cloth media disk filter trains, upgrades to secondary treatment process, new chlorine contact tank, and modifications to Red Hill Creek
- Provides improved quality of treated effluent being released to Red Hill Creek and Hamilton Harbour
- Construction contract value: **\$187M**





Digester 3/5 Upgrades & Rehabilitation



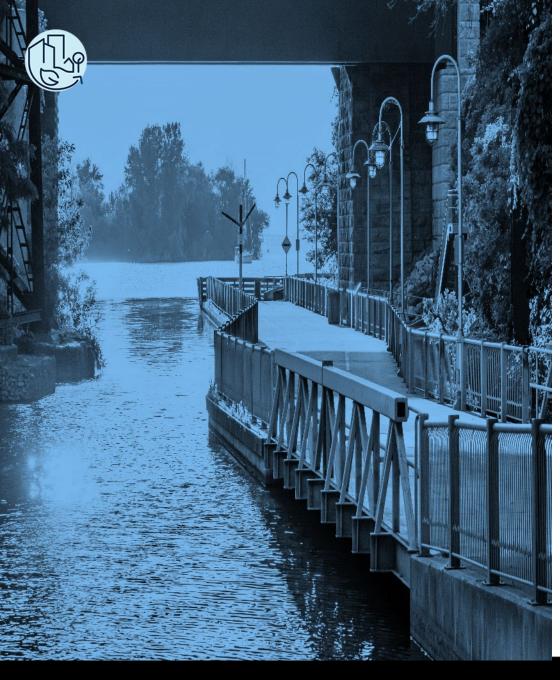
- Replacement of mixing equipment, structural repairs, process piping upgrades and biosolids cleanout
- Construction started May 2024 for a period of 2 years

Primary Clarifier (Galleries 1-8) and Scum Building Upgrades



- Structural, architectural, process mechanical, and electrical upgrades to ensure continued functionality of Primary Clarifiers 1-8 and Scum Building
- Design to continue through 2024, with completion targeted for 2025 followed by a 2-year construction period





Watershed Action Plan

- Term of Council Priority to support de-listing of Hamilton Harbour as an Area of Concern
- Adaptive management projects and programs to:
 - Improve local water quality
 - Reduce flooding risks
 - Improve natural habitats
 - Enhance outreach and education programs
- **\$7.5M** in proposed short-term actions (1-3 years)
- GIC approval November 6, 2024





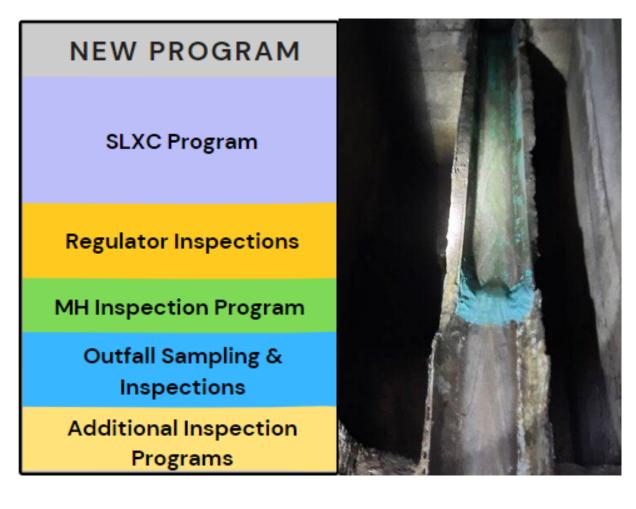


Stormwater & Municipal Drain Management Program

- Safari Rd Municipal Drain
- Stormwater Pond dredging, compliance inspections and tree planting events
- Watercourse Inspection Program
- Watercourse Rehabilitation Works
- Storm Response Program
- Pre & Post Storm Inspection Program







Enhanced Sewer Inspection Program

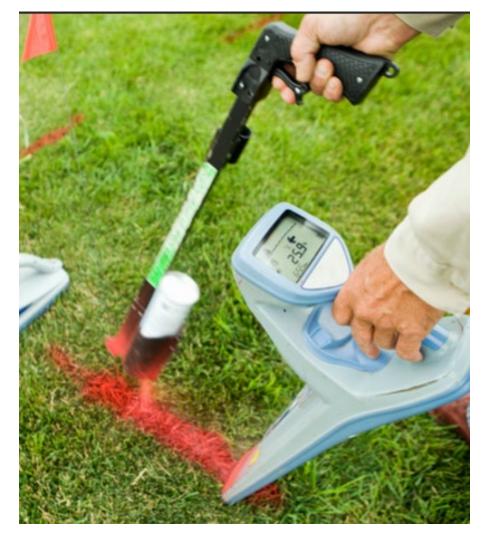
- Staff hiring & onboarding
- Vehicles and tools secured
- Inspection app developed
- Guidance documents / procedures
- Modified inspections
- Dry-weather in-pipe sampling





Utility Locates Office Creation

- Bringing work in-house projected to save \$3.46M
- Superintendent and Field Supervisors hired, initial front-line staff starting early December
- Nearing completion of procurement for vehicles, equipment, and software
- On track for planned Q1 2025 "kick off"







Treatment Plant Performance

Water

100% water quality compliance in drinking water treatment

- Woodward WTP and Fifty Road subsystem
- 4 well-based systems in Carlisle, Freelton, Greensville, Lynden

Wastewater

Significant staff effort to maintain compliance at both Dundas and Woodward WWTP

- **Dundas WWTP** 115 consecutive months compliance
- Woodward WWTP one exceedance of chlorine in effluent, 88+ consecutive months of nutrient pollution compliance











- Reducing contracted maintenance
- Improved Preventative Maintenance Program



 Hamilton Water SCADA system maintained 100% uptime and was unaffected by the cybersecurity incident





HAMILTON'S

2025 Preliminary Water, Wastewater and Stormwater Rate Supported Budget 2024 HIGHLIGHTS

Projects

Re-Charge.

Adapt. Engage.

Act.

STRATEGY

Hamilton Water

Climate Actions

- Completion of RTC Phase 2
- Woodward WTP Phase 2A
- Woodward WWTP Capacity Expansion
- Dundas WWTP (wet weather treatment capacity increase)
- Aberdeen Sewer Separation
- Churchill Park Community Flooding Remediation Project

Studies

- Flooding and Drainage Improvement Framework EAs
- Ainslie Wood Sewer Separation EA
- Wet Weather Master Plan
- Energy & Greenhouse Gas Strategy
- WTP Intake Monitoring
- Global Chlorination Study

Operational Programs

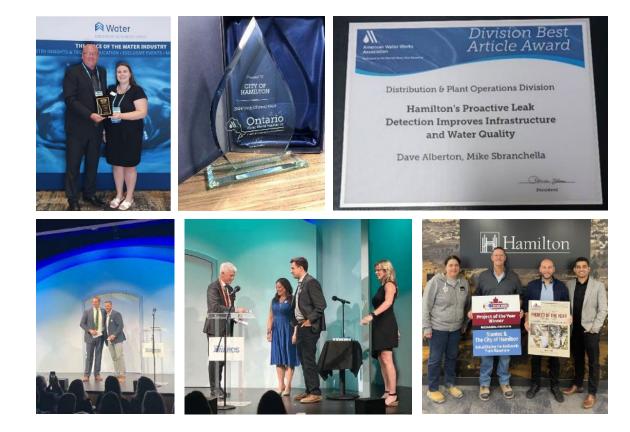
- Outfall inspection & cleaning program
- SWMF monitoring & maintenance program
- Seasonal Operating Strategy
- Invasive Species Management Program





Industry Awards and Recognition

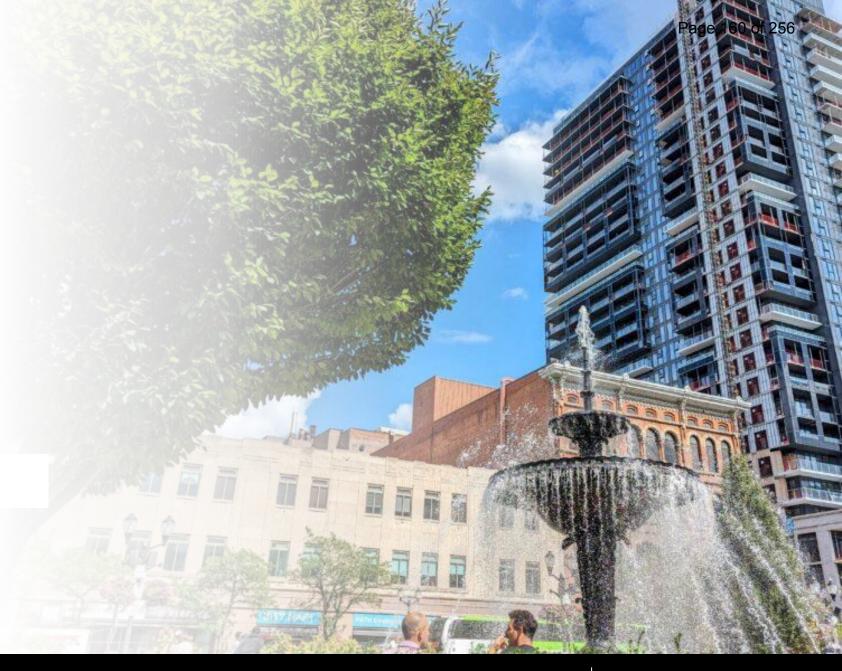
- Water Canada Award Winner (Wastewater) -Enhanced Sewer Inspection Program
- Water Canada Award Winner (Stormwater) Hamilton Drone Driven Approach to SWM Pond Bathymetry
- North American Society for Trenchless Technology -Trenchless Rehabilitation Project of the Year – Kenilworth Trunk Watermain Rehabilitation Project (Engineering Services)
- Ontario Water Works Association Water Efficiency
 Award of Excellence Private Leak Detection Program
- 2024 Stormwater Solutions Magazine Top Stormwater Project – Phragmites Management
- American Water Works Association Best Article
 Award Proactive Leak Detection







SUPPORTING HAMILTON'S GROWTH





PUBLIC WORKS

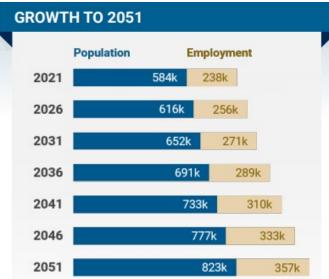


2025 Preliminary Water, Wastewater and Stormwater Rate Supported Budget SUPPORTING HAMILTON'S GROWTH

Water, Wastewater, and Stormwater Master Plan

- Project initiated in 2017
- Significant delays due to changing municipal/provincial decisions and legislative amendments (e.g. Growth Plan, urban boundary expansion, Greenbelt land use)
- The Master Plan helps define:
 - Policy around how we expand our systems
 - System improvements to reduce risk and enhance service
 - Impacts of growth on Combined Sewer Overflow capture rate
 - How on-site control improves sewer system function
- Study is expected to be completed by Q3 2025









2025 Preliminary Water, Wastewater and Stormwater Rate Supported Budget SUPPORTING HAMILTON'S GROWTH

Downtown Servicing Study

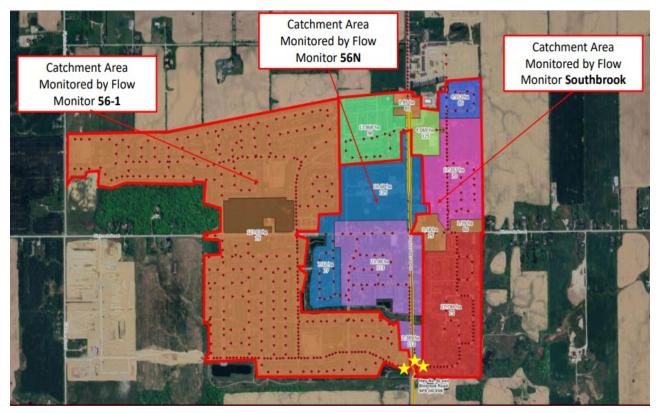
- Study complete
- Recommendations will inform and augment future watermain works
- Findings will enhance co-ordination of road rehabilitation and other subsurface infrastructure projects in the downtown core
- No standalone replacement/upgrade projects in 2025



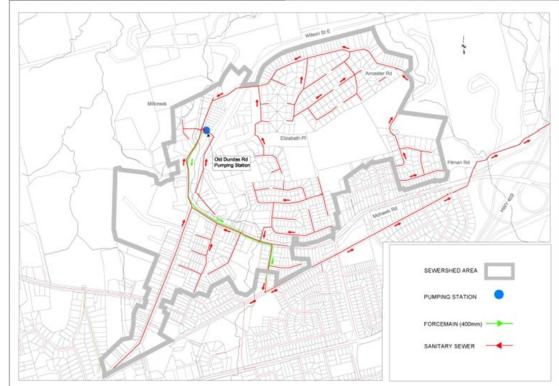


2025 Preliminary Water, Wastewater and Stormwater Rate Supported Budget SUPPORTING HAMILTON'S GROWTH

Binbrook Sewage Pumping Station Capacity



Ancaster Sewage Pumping Station Capacity





32

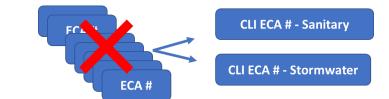
2025 - procedure & process mapping

Wastewater/Stormwater System

Consolidated Linear Infrastructure (CLI) ECAs for

- Q1 2021 Application submitted
- Q1 2025 Anticipated receipt of final CLI ECAs
- **Benefits**
 - All collection system requirements in two approvals (sanitary and storm), streamlined pre-approval for low-risk projects
 - Consistent operational and compliance requirements across systems
- Next steps
 - Q4 2024 into 2025 Staff Awareness Training
 - Q1 2025 Developer Industry Liaison Group consultation











2025 Preliminary Water, Wastewater and Stormwater Rate Supported Budget SUPPORTING HAMILTON'S GROWTH

Infrastructure Renewal - Water

Garner Road Trunk Watermain

- Watermain supply and replacement, curb and roadway restoration and associated works
- Anticipated completion 2025

York Blvd & Cannon St. W.

- Urban rehabilitation, active transportation, intersection improvements, and watermain installation
- Awarded \$9.4M funding from Ministry of Infrastructure (Housing Enabling Water Systems Fund)
- \$12.9M overall budget
- Anticipated completion 2025

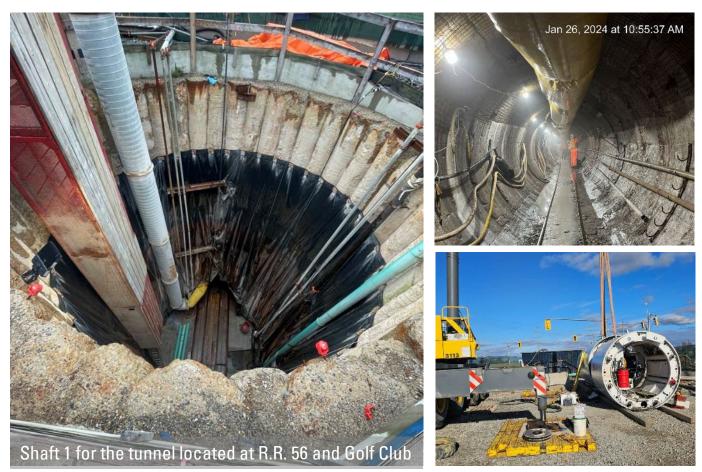






2025 Preliminary Water, Wastewater and Stormwater Rate Supported Budget SUPPORTING HAMILTON'S GROWTH

Dickenson Road Sanitary Trunk Sewer Project



- Large trunk sewer to service the Airport Employment Growth District
- Budget \$122.5M
- Construction initiated October
 2022
- Construction completion anticipated in 2027



CHALLENGES

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PUBLIC WORKS

Cybersecurity Incident

- Alternative manual work processes impacting interim efficiency and data collection
- Managing vendor and contractor relationships due to slower payment processing times following the incident
- Impacts on recruitment and hiring immediately following the incident with knock on effect to operational and project capacity
- Some unrecoverable digital documentation

Building Back Better

- Rapid adoption of corporate collaboration and communication solutions
- Accelerated implementation of Enterprise Asset Management
- Continued modernization and enhancements to HW technology infrastructure

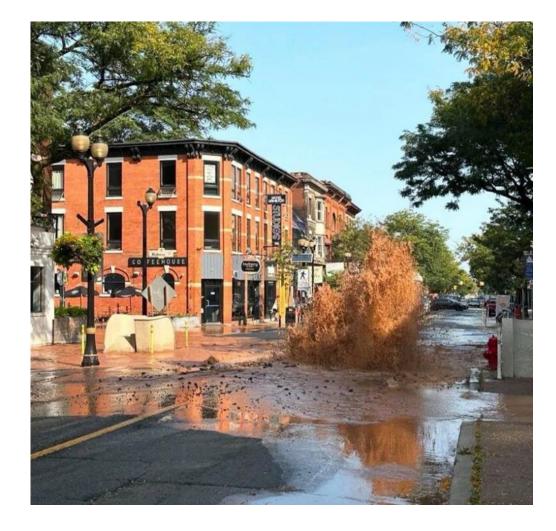






Aging Infrastructure

- Leads to more complex repairs, risks to service delivery
- Increased frequency of emergency repairs has impacts to operations and costs
- Dundas Wastewater Treatment Plant Health and safety issues due to deteriorating infrastructure, large upgrade project beginning design
- Digester #3 and #5 Rehabilitation and Upgrades Digester 3 emergency repair completed, rehabilitation of Digester #3 and #5 started May 2024 (\$13.5M)
- Policy 10 Emergency Repairs Polymer Tank Replacement (~\$350K)





Climate Change

- Severe storms wastewater treatment plant bypasses, combined sewer overflow events
- Algae blooms
- Increasing water temperature impacting chlorine levels at the extremities of the water distribution system

Achievements and Opportunities

- Beach Blvd. Flooding & Drainage EA
- Aberdeen Sewer Separation
- Westdale North Sewer Separation
- Green Infrastructure Working Groups
- Real Time Control
- Energy and Greenhouse Gas Strategy
- Wet Weather Master Plan
- Ravine and Watercourse Engineering Team FTE requests



August 2023 – Birch Avenue flooding





Provincial Planning Policy Changes



- Broad changes to several provincial planning policies – Bill 185, Bill 23, Bill 109, Provincial Planning Statement, etc.
- Urban intensification and managing flooding and drainage risks
- Urban boundary expansions and impacts on Water, Wastewater, and Stormwater Master Plan
- Adequate servicing



Cost Increases

- Costs of certain parts have seen dramatic cost increases
- > 30% increase in construction costs since 2021
- Numerous service contracts expiring soon, anticipating cost increases

Part	Cost (pre- pandemic)	Cost (post- pandemic)
GBT Belt	\$3300.00	\$5800.00
Eurodrive Gear Boxes	\$3280.00	\$5495.00
Grit Pump Volutes	\$4250.00	\$6417.00

Average cost increase of 65%





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MULTI-YEAR OUTLOOK





Woodward Wastewater Treatment Plant Expansion – Phase 2



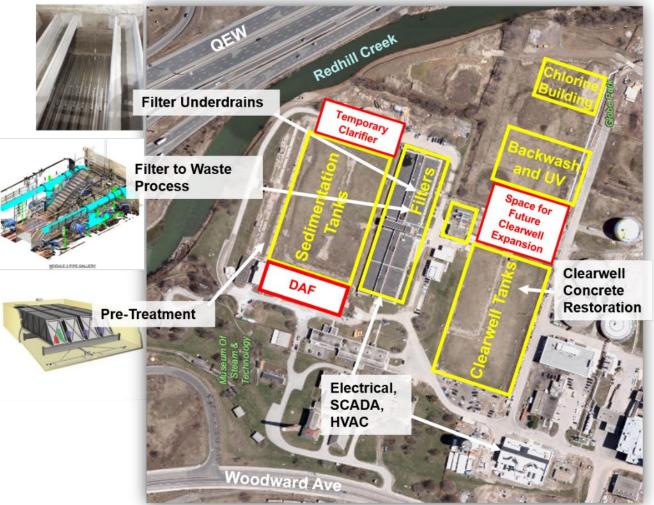
- Increasing average rated capacity to 500 Megalitres per Day (MLD) and peak capacity to 1000 MLD to meet growth requirements
- Rehabilitation/renewal of existing treatment plant infrastructure, expansion of secondary and tertiary treatment
- **\$445M** construction cost estimate
- Estimated target completion date of **2032**
- Engineering Assignment (RFP) awarded Q1 2024, Notice to Proceed issued May 13, 2024, initial design work in progress





Woodward Water Treatment Plant – Phase 2A & 2B Upgrades

- Phase 2A Water Quality Upgrades + Lifecycle Renewal – UV Facility, filter-to-waste, chlorine building, backwash pumps, filter underdrains, \$330M budget
- Phase 2B Capacity Expansion Sedimentation tank "bottleneck" will be relieved to support increased demands from growth, **\$212M budget**





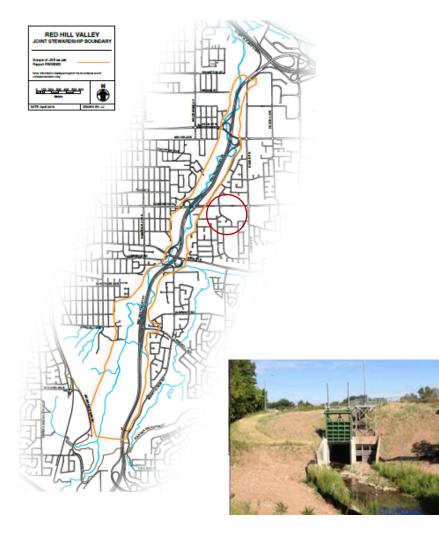


Dundas Wastewater Treatment Plant Upgrades



- Using condition assessments to identify renewal needs
- Analyzing costs for enhanced treatment as well as stewardship options for becoming a Wastewater Centre of Excellence
- Public Works Committee approval Oct 2024
- Project Budget \$254M
- Anticipated completion 2033





Davis Creek Flood Control Structure

- Improvements required to restore operability of the flood control structure, a component of the stormwater management system for the Red Hill Valley Parkway
- Electrical and instrumentation upgrades to provide smart and responsive control during severe storms
- Budget \$2.2M



Capital Projects			
Project	Scope	Tent. Construction Year	Status
Dickenson Sanitary Sewer	Installation of sewer, watermains, water valves, roadway re- construction.	2022-2026/2027	Construction
Garner Road Trunk Watermain	New trunk watermain installation and road restoration	2024-2025	Construction
York and Cannon	Urban rehabilitation, active transportation, intersection improvements, watermain installation	2024-2025	Construction
Wentworth/Wilson	Watermain, storm and sanitary sewer replacement, road and sidewalk rehabilitation	2024-2026	Design
Nash Road Transmission Main Leak Rehab*	Internal pipe repair	2024-2025	Planning
Royal CSO to Main/King CSO – Phase 1	Sanitary Sewer Twinning	2025-2026	Design
Scenic – Chateau to Goulding	Road reconstruction and urbanization, sanitary sewer construction, watermain replacement.	2025	Design
Stone Church Feedermain	New trunk feedermain	2026	Design
Lower Centennial Trunk (formerly named Battlefield Trunk Sewer Twinning)		2027 to 2029	Design



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MULTI-YEAR OUTLOOK

Programs and Initiatives		
Description	Program Update	
Watermain lining	Typically aim for ~5 kms 3 Sensitive crossings (403/QEW Highway, CP Rail)	
Large Diameter Inspection	~6 – 10 Kms including 2 Insertion/Extraction Chamber to be installed	
Lateral CCTV	Typically aim for ~700 – 1000 per year	
Lateral Lining	Typically aim for ~350 – 450 per year	
Sewer main CCTV	Typically aim for ~80 – 100 Kms each year	
Sewer main Lining	Typically aim for ~10 – 15 Kms each year	
Large Valve Replacement	2 valves to be replaced, and 2 valves to be evaluated for feasibility.	
Culvert CCTV <3m	Vary year over year. Only CCTV within capital project limits	
Culvert Lining (ad hoc, no program in place)	Typically aim for ~1 – 2 per year based on Transportation priorities	
Outfall Inspection / Rehabilitation	~5-10 per year, Church St currently in design stage – 2025 anticipated tender year	
Special Projects (In-House Design / Construction)	90" Leak Repair / Queenston Storm Sewer / Mountain Industrial Trunk Sewer / PD13 Watermain Rehabilitation / Church St Outfall Rehabilitation	





LRT



- Full water and sewer replacement along LRT corridor
- Early/enabling works (6 projects):
 - Sherman Ave. (King St. to Cumberland Ave.) Complete
 - Wentworth St. (King St. to Wilson St.) Complete in 2024
 - Nash Rd. @ Queenston Rd. Completion in spring 2025
 - Wilson St. (Wentworth St. to Sherman Ave.) 2025 construction
 - Main St. (Delena Ave. to Rosewood Ave) 2025 to 2026 construction
 - Main St. @ Ottawa St. 2025 to 2026 construction





Sewer Separation and CSO Reductions

Study	Timeline
Managed Sewer Separation EAs:	
West End Sewer Separation and New Outfalls	RFP in development
Red Hill Sewer Separation and New Outfalls	RFP in development
Ainslie Wood Creek Separation	Complete
Wet Weather Master Plan	0-3 years
Hamilton Harbour Sewer Separation and New Outfalls	3-5 years
Interceptor Feasibility Study EA	5-10 years (TBC by Master Plan)
Scope Capacity Assessment of North Mountain Area	5-10 years



Harmful Algal Bloom Strategy

- Response to significant bloom event in summer 2024
- Information Report to Public Works Committee (December 2, 2024)
 - Existing levels of service, consultation with City staff and experts from academia, all levels of government, RBG, HCA, BARC, marinas
 - Consensus on five mitigative options that will be investigated further in 2025
 - Capital Detail Sheet created for future outcomes, costsharing opportunities









Optimization projects

- Corrosion Control Program Results has been very successful, lead levels in the distribution system have declined, moving to a maintenance dosage
- WTP Coagulation Investigating alternatives to enhance sedimentation while minimizing aluminum residuals
- WWTP Secondary Effluent on-going investigation to improve quality of wastewater entering the Tertiary Treatment Facility

Water Quality Improvements

 Continued optimization of summer operating strategies coupled with infrastructure upgrades to improve distribution water quality and increase climate change resiliency







Stormwater Fee Implementation

- \$56M annual expenditure on stormwater and drainage services
- Stormwater Fee will provide a stable and equitable funding source for stormwater infrastructure as well as support the City's Watershed Action Plan
- Incentive programs will be finalized in 2025 for reductions in stormwater runoff and improvements to stormwater quality, green space credits, and direct discharges to Hamilton Harbour
- Stormwater Rate Incentive Program Development & Staffing
 - ICI, Agricultural, Multi-Res Incentive Program
 - Residential Rebate Program (Green Venture)
- Stormwater fee will be in effect as of April 1, 2026







Utility Billing Transition

Workstream	Summary / Status
Customer Information System	SpryPoint CIS software procured, go-live target date of November 2025
Contact Centre	Vendor (Optima) onboarded
Bill Print	Vendor (Data Direct) onboarded
Customer Portal	SpryEngage platform secured, bundled with SpryPoint Customer Information System
Meter Reading	Contract nearing finalization with vendor (Olameter), PO preparation underway

- Estimated "Go Live" date 04 2025
- \$7.7M budget up until Go Live date
- SPM Utility Billing hired
- Director, Revenue Services hired



2025 BUDGET



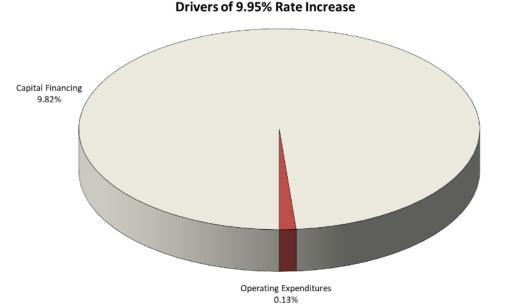


PUBLIC WORKS

2025 Preliminary Water, Wastewater and Stormwater Rate Supported Budget 2025 RECOMMENDED RATE SUPPORTED BUDGET

Planned Rate Revenue (Average Residential) increase is currently set at **9.95%**

- Recommended 2025 operating budget of \$121.5M (0.01% increase from last year's 2025 forecast)
- Recommended 2025 capital budget of \$315M (gross, 16% decrease from 2024 rate budget forecast for 2025)
- Total increase to 10-year capital expenditures of \$382M compared to 2024 rate budget
- Recommended 9 new FTEs which align with Term of Council priorities and Mayoral Directive to Staff (MDI-2024-03) on the 2025 Budget Process (October 28, 2024)



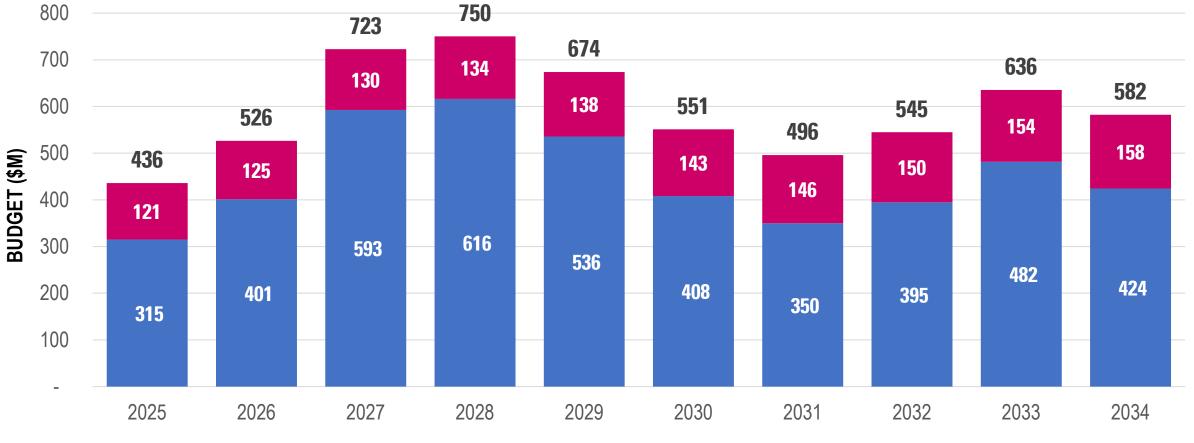
2025 Projected Average Rate Impact									
	\$	%							
Operating Expenditures	\$1.26	0.13%							
Capital Financing	\$94.84	9.82 %							
Average Residential Impact	\$96.10	9.95%							



2025 Preliminary Water, Wastewater and Stormwater Rate Supported Budget 10 YEAR COMBINED RATE BUDGET FORECAST

2025 Recommended Operating Budget Forecast

2025 Recommended Capital Budget Forecast (Gross)





OPERATING BUDGET



2025 Preliminary Water, Wastewater and Stormwater Rate Supported Budget 2025 OPERATING BUDGET OVERVIEW

2024 Council Approved Budget (net of Capital Recoveries)	\$121,112,44	0
2025 Maintenance Budget Increases	\$3,747,665	3.1%
2025 New FTE Requests *	\$288,284	0.2%
2025 New FTE Requests - PW22078(a) Woodward WTP Phase 2 Upgrades	\$333,706	0.3%
2025 New FTE Request - Tax Levy *	\$133,500	0.1%
2025 Service Level / Budget Enhancements	\$555,000	0.5%
2025 Budget Efficiencies & Savings	(4,671,668)	-3.9%
2025 Requested Budget Increase	\$386,487	0.3%
2025 Requested Operating Budget (net of Capital Recoveries)	\$121,498,9	26

Note:

* New FTE Requests are net of Capital Recoveries

- The 2025 Operating Budget was forecasted to be \$121.49M as part of the 2024 Budget Process
- The Change Between the 2025 Budget Request and the 2025 "Plan" is \$13K or 0.1%
- 2025 FTE Recommendations Account for \$622K of the Operating Budget Enhancements



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MAINTENANCE BUDGET DRIVERS

Cost Category	Budget Driver	Budget Impact \$000s	% of Total Impact
Employee Related Costs	CBA Salaries & Benefits Increases	\$1,571	41.9%
	Hydro	\$330	8.8%
Facility Pressures	Natural Gas	\$206	5.5%
	Other (Property Taxes, Water & Sewer, Telephone)	\$266	7.1%
	Fluids & Chemicals	\$520	13.9%
Contractual Pressures	Biosolids Contract	\$79	2.1%
	Computer Maintenance Contract	\$120	3.2%
Vehicle Expenses	Unleaded & Diesel Fuel	\$103	2.7%
Cost Allocations	Corporate Cost Allocations	\$552	14.7%
Total		\$3,747	100.0%

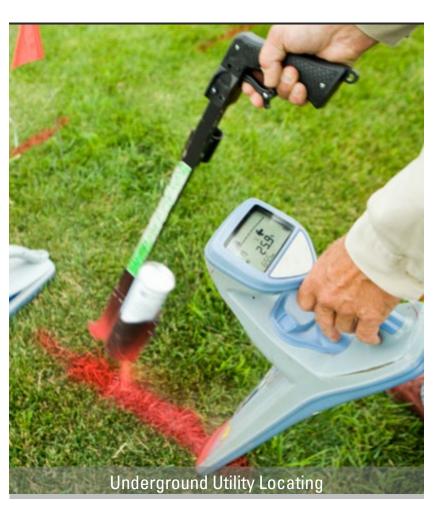
SUMMARY

Cost Category	Budget Impact (\$000s)	% of Total Impact
Employee Related Costs	\$1,571	41.9%
Facility Pressures	\$802	21.4%
Contractual Pressures	\$719	19.2%
Vehicle Expenses	\$103	2.7%
Cost Allocations	\$553	14.7%
Total Impact	\$3,747	100%



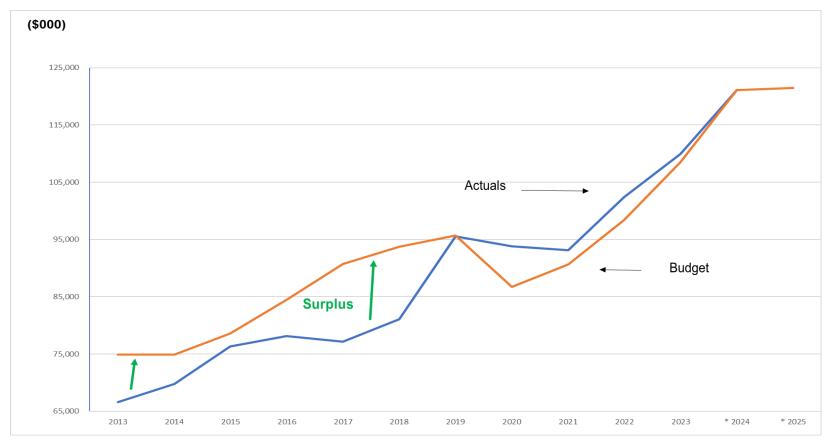
2025 Preliminary Water, Wastewater and Stormwater Rate Supported Budget SERVICE LEVEL / BUDGET ENHANCEMENTS

Cost Category	Budget Driver	Budget Impact \$000s	% of Total Impact
Employee Deleted	PW22078(a) Woodward WTP - [3.0 FTEs]	\$334	25.5%
Employee Related Costs	New FTEs (2025 Budget) - [6.0 FTEs]	\$288	22.0%
00010	Tax Levy Funded Positions - [3.0 FTEs]	\$134	10.2%
	HVAC Maintenance & Repair	\$50	3.8%
Facility Pressures	Binbrook Odour Control - SPS Wetwell Cleaning	\$330	25.2%
Materials &	Operating Supplies	\$125	9.5%
Supplies / Consulting	OHS/Compliance/Internal Auditing Consulting	\$50	3.8%
Total		\$1,311	100%
Cost Category	Budget Driver	Budget Impact \$000s	% of Total Impact
Budget Efficiencies	In-House Locates Office	(\$3,457)	74.0%
/Realignment	Budget Realignment	(\$1,215)	26.0%
Total		(\$4,672)	100%





2025 Preliminary Water, Wastewater and Stormwater Rate Supported Budget RATE OPERATING BUDGET VARIANCE HISTORY



(\$000)	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Budget	\$ 74,890	\$ 74,879	\$ 78,602	\$ 84,433	\$ 90,687	\$ 93,738	\$ 95,724	\$ 86,720	\$ 90,652	\$ 98,411	\$ 108,512	\$ 121,113	\$ 121,499
Actuals	\$ 66,595	\$ 69,799	\$ 76,343	\$ 78,162	\$ 77,162	\$ 81,076	\$ 95,539	\$ 93,842	\$ 92,696	\$ 102,404	\$ 109,907	\$ 121,113	\$ -
Variance \$	\$ 8,295	\$ 5,080	\$ 2,259	\$ 6,271	\$ 13,525	\$ 12,662	\$ 185	\$ (7,122)	\$ (2,044)	\$ (3,993)	\$ (1,395)	\$ -	
Variance %	11.1%	6.8%	2.9%	7.4%	14.9%	13.5%	0.2%	(8.2%)	(2.3%)	(4.1%)	(1.3%)	-	



(NET OF CAPITAL RECOVERIES)

2025 Preliminary Water, Wastewater and Stormwater Rate Supported Budget OPERATING BUDGET – USER FEE CHANGES

Section	ltem	2024 Fee (\$)	2025 Fee (\$)	% Change
Water Distribution	Private Water Service Repair/Replacement Inspection (Reg Hours - Min. 1 Hour Total Labour) - Contract Inspector	\$105.98	\$113.32	6.9%
Water Distribution	Private Water Service Repair/Replacement Inspection (Missed Calls)	\$75.34	\$80.41	6.73%
Laboratory Services	Total Dissolved Solids	\$35.70	\$38.70	8.4%
Laboratory Services	Phenolics	\$39.50	\$42.60	7.85%
Laboratory Services	рН	\$19.40	\$21.10	8.8%
Laboratory Services	Alkalinity	\$19.90	\$21.60	8.54%
Laboratory Services	Conductivity	\$19.20	\$21.00	9.4%
Laboratory Services	Fluoride	\$27.20	\$29.30	7.72%
Laboratory Services	Turbidity	\$30.60	\$32.80	7.2%
Laboratory Services	Total Phosphorous	\$29.00	\$31.40	8.28%
Laboratory Services	Total Dissolved Phosphorous	\$30.10	\$32.50	8.0%
Laboratory Services	Caffeine	\$150.30	\$164.30	9.31%

User Fee Increases \geq 3x Inflation Rate (2.3%)



2025 Preliminary Water, Wastewater and Stormwater Rate Supported Budget OPERATING BUDGET – NEW FEES

Section	New Fees	2025 Fee (\$)
Laboratory Services	O Phosphate (Skalar)	\$35.20
Laboratory Services	Dissolved O Phosphate (Skalar)	\$36.20
Utility Billing	New Account Setup Fee - Per New Account	\$75.00
Utility Billing	Ownership / Occupancy Change Fee - Per Account	\$35.00
Utility Billing	Bill Reprint - Per Print	\$15.00
Utility Billing	Statement Of Account - Per Account	\$30.00
Utility Billing	Reminder Notice - Printed Notices Only	\$5.00
Utility Billing	Utility Certificate	\$65.00
Utility Billing	24 Hour Rush - Utility Certificate	\$80.00
Utility Billing	Annual Water Consumption Statement	\$45.00



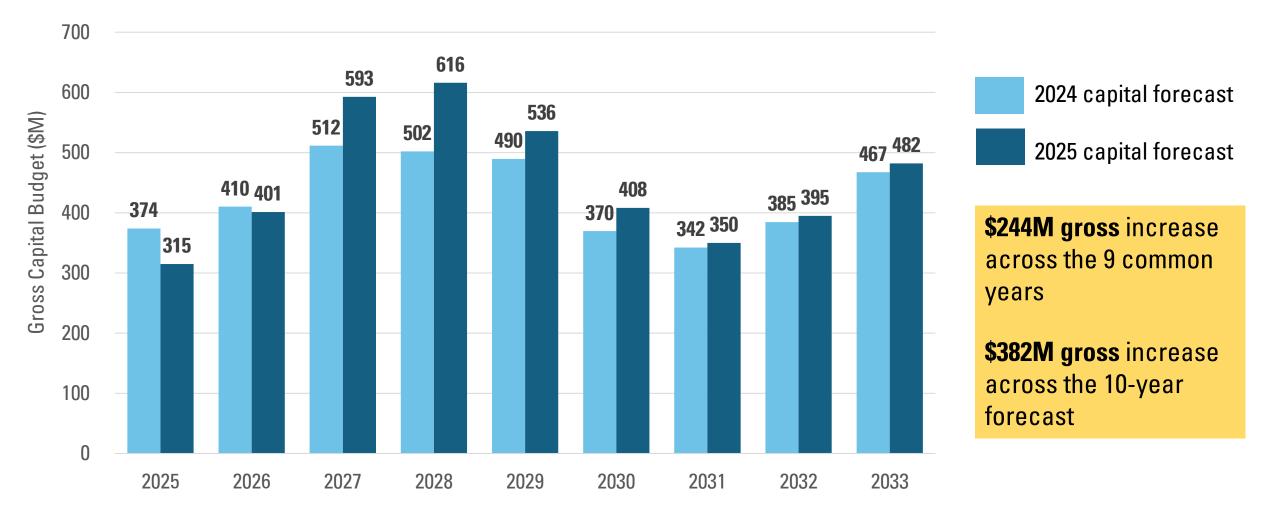


CAPITAL BUDGET



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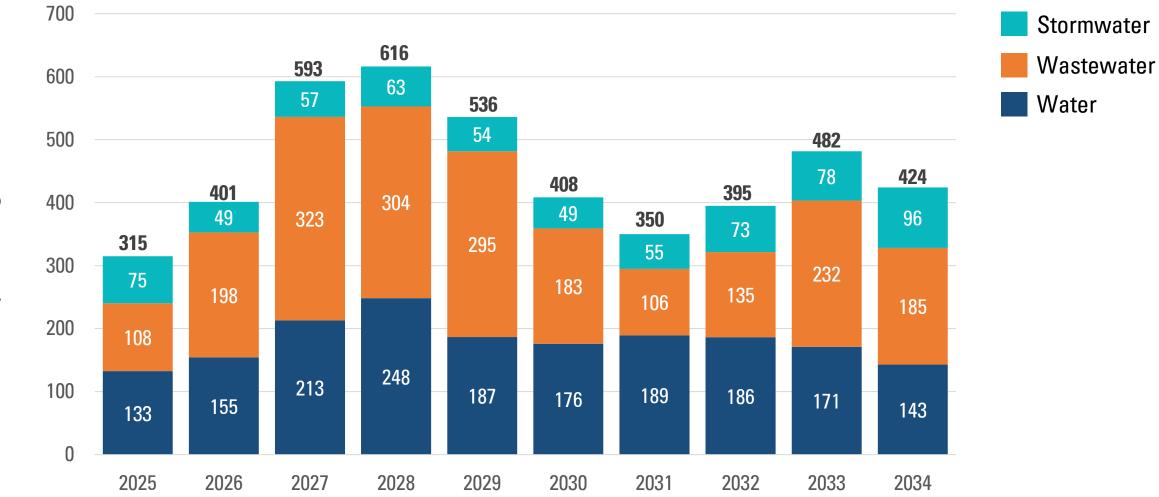
2025 Preliminary Water, Wastewater and Stormwater Rate Supported Budget PROPOSED CAPITAL 10 YEAR FORECAST – 2024 vs 2025





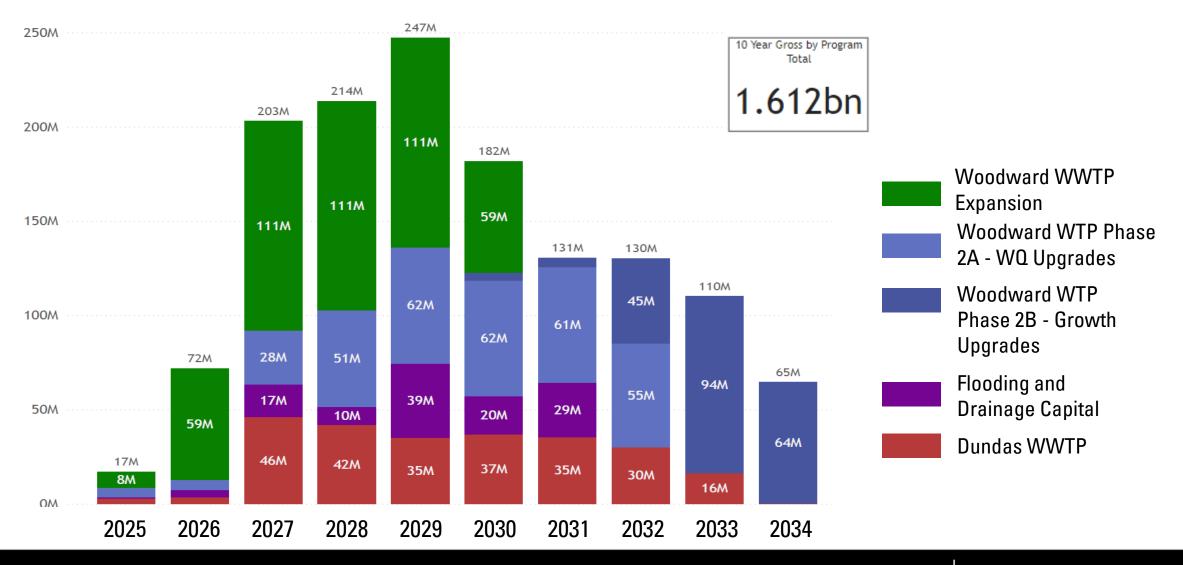
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10 YEAR CAPITAL – BY SYSTEM



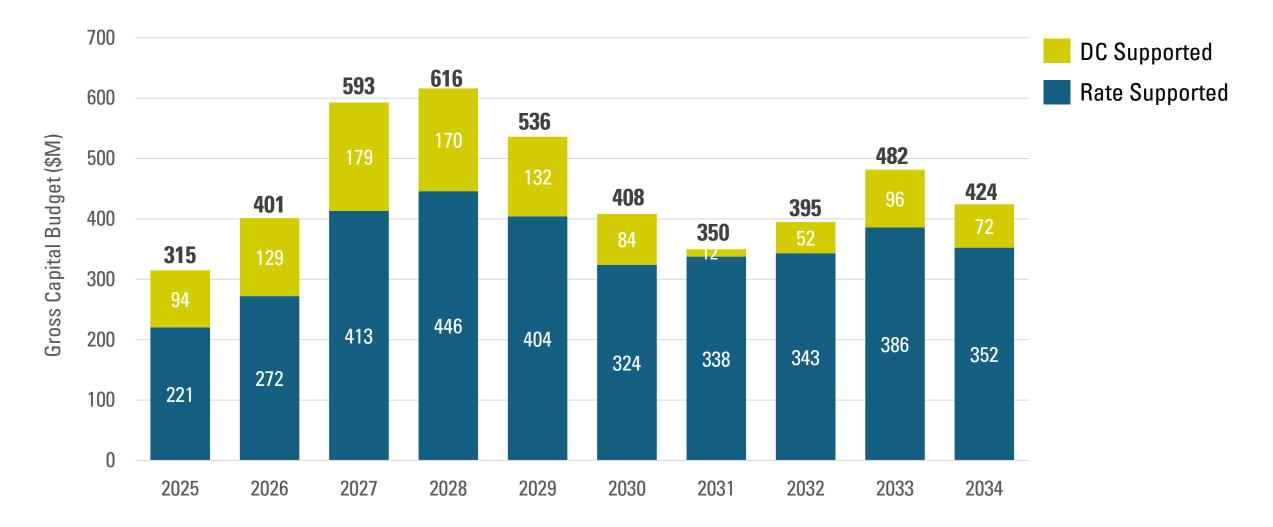


2025 Preliminary Water, Wastewater and Stormwater Rate Supported Budget 2025 CAPITAL BUDGET – LARGE PROJECT 10 YEAR FORECAST (GROSS)





2025 Preliminary Water, Wastewater and Stormwater Rate Supported Budget 10 YEAR CAPITAL FORECAST – DC vs RATE SUPPORTED





2025 Preliminary Water, Wastewater and Stormwater Rate Supported Budget **Page 201 of 256 Budget**

- Flooding and Drainage Improvement Framework EA outcomes
- Potential for Development Charge Exemptions & Unknown Growth Pressures
- Water, Wastewater & Stormwater Master Plan Update outcomes
- Global Chlorination Study outcomes water distribution system nitrification prevention and disinfection enhancement







FTE BUSINESS CASES



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SECTION	Last Year's 2025 Forecast	Current 2025 Request	FTE BUSINESS CASES
Woodward Upgrades	0	0	
Watershed Management	0	0	Laboratory Technician (1)
Director's Office	0	0	
Compliance & Regulations	2	1	Asset Management Technologist (1)
Project Management Office	0	0	
Capital Delivery	0	1	Project Manager - Modelling (1)
Water & Wastewater Systems Planning	2	3	 Technologist – Modelling (1) SPM – LRT (1)
Plant Maintenance & Technical Services	0	3 🔨	SFIVI = LNT(T)
Plant Operations	0	1 🔨	Supervisor – Maintenance (1)
Customer Service & Community Outreach	4	0	Project Manager – SCADA (2)
Water Distribution & Wastewater Collection	0	0	
TOTALS	8	9	Senior Process Engineer (1)

Additional 3 rate-funded FTE requests within Levy Programs:

- 1 Senior Project Manager and 1 Project Manager Engineering Services (Ravines and Watercourses)
- 1 Social Media and Marketing Coordinator City Manager's Office (Communications and Strategic Initiatives)



Laboratory Technician

- Increased staffing needs required as sample volume has increased 30% since 2018
- Additional samples to support program expansions in Surface Water Quality Program & Industrial/Commercial/ Institutional monitoring
- Approval will reduce overtime costs from other Laboratory staff and supervisors





- 1 Asset Management Technologist support Enterprise Asset Management implementation, reduce use of external consultants, develop new procedures, improve asset condition data quality
- 1 Project Manager Modelling support Hamilton's growth and development, manage expedited review times, reduce consulting assignments for development review, improve reliability and support regulatory reporting requirements
- 1 Technologist Modelling Implement coordinated rainfall and flow monitoring program, provide the development community with expedited information on system capacity
- 1 Senior Project Manager LRT (net-zero budget impact, funded by Metrolinx) - support and deliver planning studies related to subsurface design, construction, infrastructure enhancements



- Project Manager SCADA (Cybersecurity) improving system security to defend against future cybersecurity attacks
- Project Manager SCADA (Capital Support) critical role to support the Woodward WTP Phase 2, Woodward WWTP Phase 2, and Dundas WWTP Upgrades Projects
- Supervisor Plant Maintenance critical role to support the Woodward WTP Phase 2, Woodward WWTP Phase 2, and Dundas WWTP Upgrades Projects
- Senior Process Engineer critical role to support the Woodward WTP Phase 2, Woodward WWTP Phase 2, and Dundas WWTP Upgrades Projects





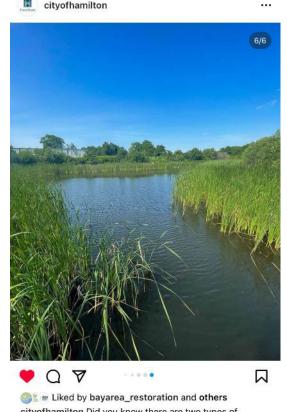


New Capital Program - Ravines and Watercourses

1 Senior Project Manager (Engineering Services) 1 Project Manager (Engineering Services)

- Creating a team responsible for asset management of naturalized stormwater assets including stormwater management facilities, ravines, watercourses, municipal drains, and shorelines
- Responsive to program gaps identified in Report PW21074, December 6, 2021





cityofhamilton Did you know there are two types of stormwater ponds? The City owns and maintains 61 dry ponds and 60 wet ponds—and both play a crucial... more August 28



Post

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①

Hamilton City of Hamilton

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Join us THIS Saturday, October 5 from 9am– 12pm for a family-friendly community planting and litter pick-up at our stormwater pond property at 167 Candlewood Dr. Gloves, shovels and garbage bags will be provided. Email growhamilton@hamilton.ca for more information and to sign up!



04

12:03 PM · 2024-10-04 · 1.3K Views

O

Social Media & Marketing Coordinator

- Our City Survey results indicated "fair" or "poor" wastewater and stormwater services
- Building trust and accountability by investing in storytelling
- Increased public engagement
- Socializing "invisible" infrastructure



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2025-2029 FTE FORECAST

SECTION	Last Year's 2025 Forecast	Current 2025 Request	2026 Forecast	2027 Forecast	2028 Forecast	2029 Forecast
Woodward Upgrades	0	0	0	0	0	0
Watershed Management	0	0	1	0	1	0
Director's Office	0	0	0	0	1	0
Compliance & Regulations	2	1	1	2	1	0
Project Management Office	0	0	0	0	0	0
Capital Delivery	0	1	0	0	0	0
Water & Wastewater Systems Planning	2	3	1	1	1	0
Plant Maintenance & Technical Services	0	3	2	1	0	3
Plant Operations	0	1	0	1	1	0
Customer Service & Community Outreach	4	0	1	1	2	0
Water Distribution & Wastewater Collection	0	0	0	1	1	2
TOTALS	8	9	6	7	8	5







2025 Preliminary Water, Wastewater and Stormwater Rate Supported Budget FEDERAL/PROVINCIAL FUNDING

- Infrastructure Canada Disaster Mitigation and Adaptation Fund – Churchill Park Community Flooding Remediation Project (Ward 1) - \$6M funding awarded
- Ontario Ministry of Infrastructure Housing-Enabling Water Systems Fund – Downtown Watermain Upgrades (Wards 1&2) - \$9.4M funding awarded







2025 Preliminary Water, Wastewater and Stormwater Rate Supported Budget GOVERNMENT ADVOCACY

- Robust intergovernmental relations strategy throughout 2024
- Multiple discussions including:
 - Prime Minister's Office & Parliamentary Secretary/Special Advisor on Water
 - Canada Water Agency
 - Federal Minister of Housing, Infrastructure, and Communities
 - Infrastructure Canada
 - Infrastructure Ontario
 - Canada Infrastructure Bank
- Advocacy at ROMA, AMO and FCM



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THANK YOU



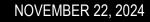
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PUBLIC WORKS

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2025 Preliminary Water, Wastewater and Stormwater Rate Supported Budget





2025 Preliminary Water, Wastewater and Stormwater Rate Supported Budget 2025 RATE BUDGET Snap Shot

Operating

- **\$327.8 M** Total Program and Financial Expenditures
- \$324.6 M Rate Revenue
- \$3.2 M Non-Rate Revenue

<u>Capital</u>

- \$314.9 M Rate Capital Program
 - 42% Water
 - 34% Wastewater
 - 24% Storm
- **\$4.52 B** capital investment forecast (2025 to 2034)
- **\$0.38 B** increase from last year's 10-year forecast

Note: Anomalies due to rounding

Impact of Preliminary 2025 Rate Increases on a Typical Residential Bill: 9.95% Based on annual water consumption of 200m³



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2025 Preliminary Water, Wastewater and Stormwater Rate Supported Budget 2025 RATE OPERATING BUDGET

By the Numbers

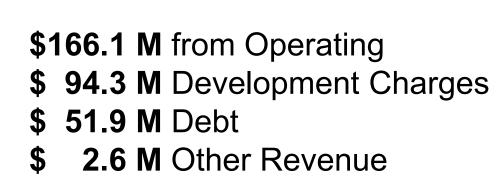
Summary of the 2025 Budget				
(\$ millions)	2024 Restated Budget	2025 Preliminary Budget	2025 Preliminary / 2024 Restated Change	
Expenditures				
Program Expenditures	\$ 121.1	\$ 121.5	\$ 0.4	0.3%
Capital / Debt / Reserve Financing	\$ 182.2	\$ 206.3	\$ 24.1	13.2%
Total Expenditures	\$ 303.3	\$ 327.8	\$ 24.5	8.1%
Revenues				
Rate Revenue	\$ 295.7	\$ 324.6	\$ 28.9	9.8%
Non-Rate Revenue	\$ 7.7	\$ 3.2	\$ (4.5)	(58.4)%
Total Revenue	\$ 303.3	\$ 327.8	\$ 24.5	8.1%
Average Residential Water / Wastewater / Storm Bill	\$ 965.40	\$ 1,061.50	\$ 96.10	9.95%

Note: Anomalies due to rounding

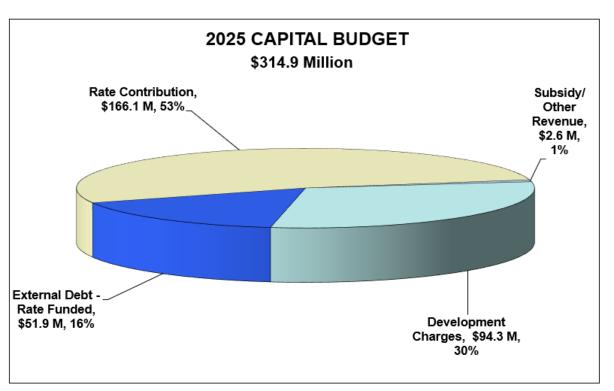


2025 Preliminary Water, Wastewater and Stormwater Rate Supported Budget 2025 RATE CAPITAL BUDGET

Sources of Funding

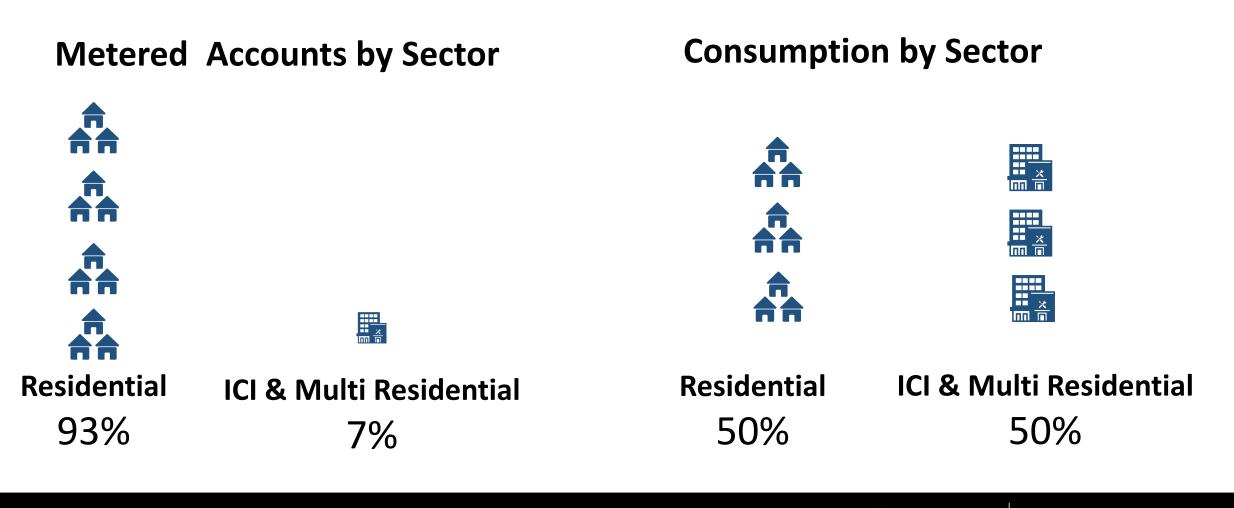


= \$314.9 M Gross Capital Funding





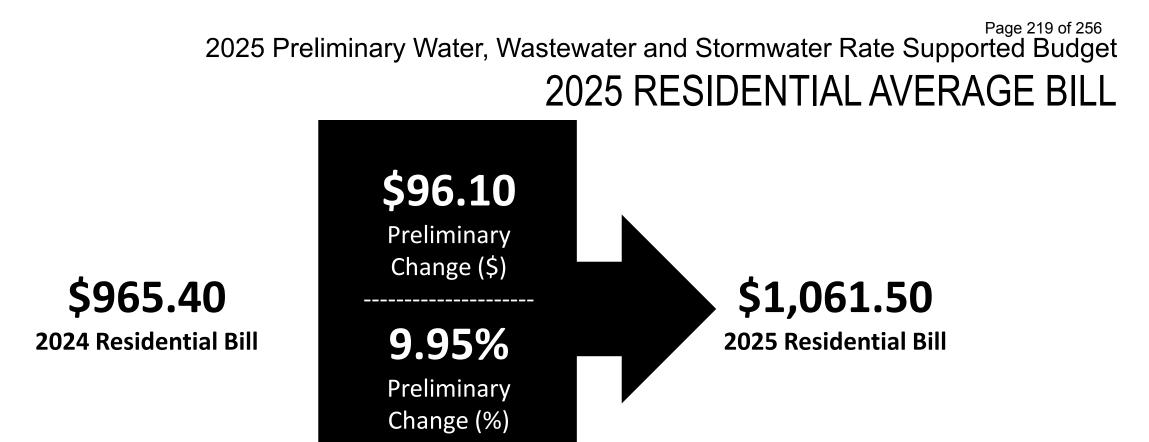
2025 Preliminary Water, Wastewater and Stormwater Rate Supported Budget 2025 METERED ACCOUNTS & REVENUE BY SECTOR Where the \$ comes from



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FINANCING STRATEGY



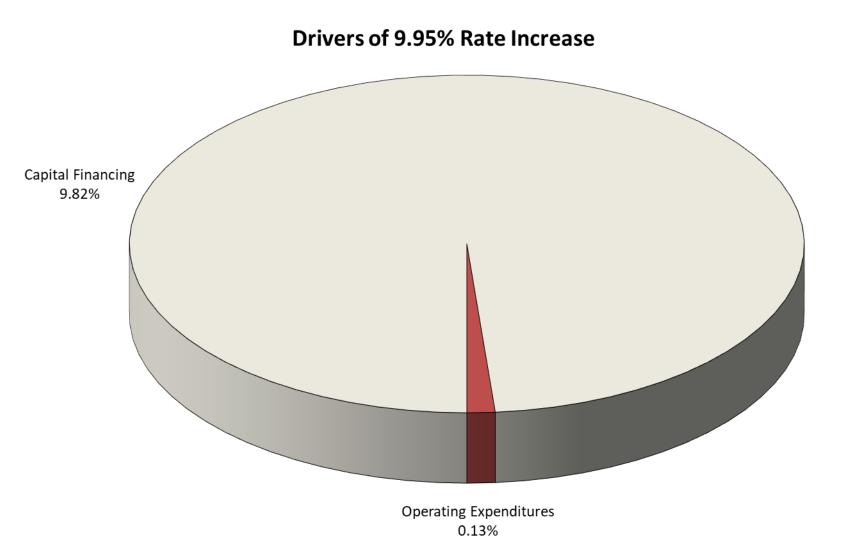


Impact of Preliminary 2025 Water and Wastewater/Storm Rate Increases on a Typical Residential Bill: 9.95%

Based on annual water consumption of 200m³



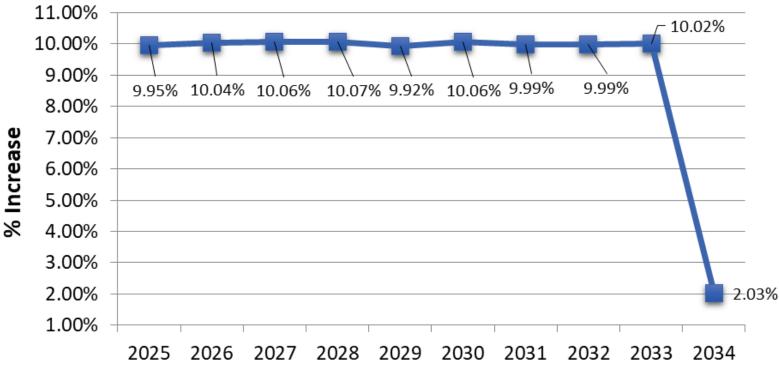
2025 Preliminary Water, Wastewater and Stormwater Rate Supported Budget 2025 RATE INCREASE DRIVERS





2025 Preliminary Water, Wastewater and Stormwater Rate Supported Budget 10 YEAR RATE SUPPORTED FINANCING STRATEGY

2025 - 2034 Financing Strategy Average Residential Increase





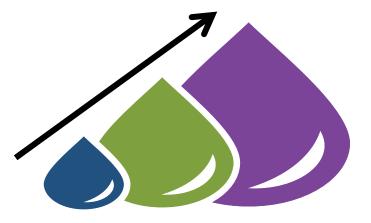
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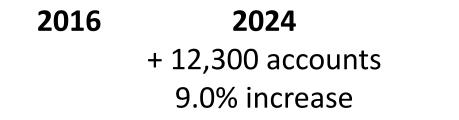
CONSUMPTION TRENDS AT A GLANCE



2025 Preliminary Water, Wastewater and Stormwater Rate Supported Budget RESIDENTIAL WATER CONSUMPTION



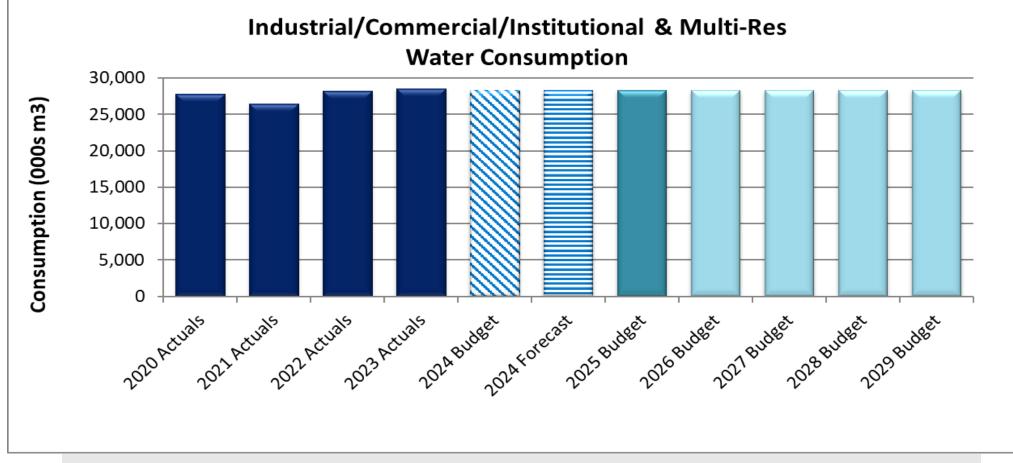




2016 2024 + 1.3% increase in consumption



2025 Preliminary Water, Wastewater and Stormwater Rate Supported Budget ICI & MR CONSUMPTION FORECAST



Budgeted consumption has remained flat for the 2025 Budget at just over 28M m³



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MUNICIPAL COMPARATORS AFFORDABILITY



Hamilton Stormwater included **Stormwater** not Included *Comparators with a separate storm fee (annualized amount) *N* Comparators where Stormwater funded by property tax

2025 Preliminary Water, Wastewater and Stormwater Rate Supported Budget HOW DOES HAMILTON COMPARE?

> **Norfolk: \$1,876** *Kitchener: \$1,734 (\$242) ✗ West-Lincoln: \$1,370 ✗ Cambridge: \$1,300 *Waterloo: \$1,271 (\$201) *London: \$1,256 (\$231) ✗ St. Catharines: \$1,254 *Guelph: \$1,189 (\$106) **M** Haldimand: \$1,100 **/** Durham: \$1,049 Halton: \$1,034 Brantford: \$1,027 Hamilton: \$965 **Toronto: \$904** *Peel: \$823 (\$120)

2024 Water Bill Residential

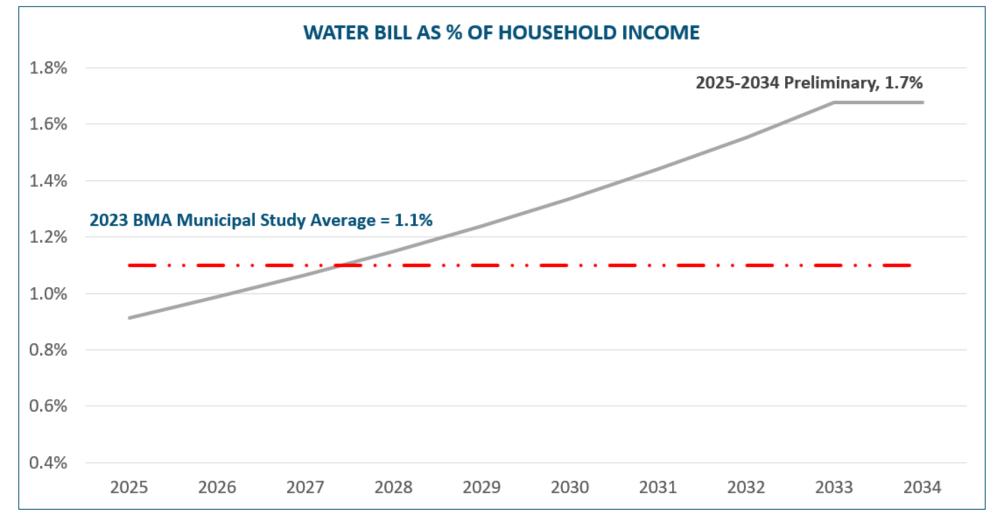
200m^{3/} (year)

Survey Average \$1,210



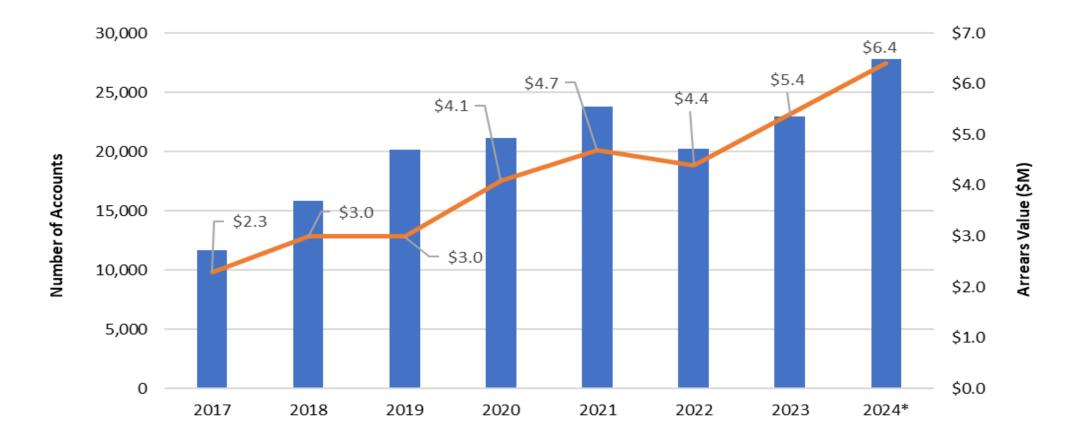
2025 Preliminary Water, Wastewater and Stormwater Rate Supported Budget

AFFORDABILITY





2025 Preliminary Water, Wastewater and Stormwater Rate Supported Budget ARREARS TAX ROLL TRANSFERS



Number of Accounts Transferred to Tax Roll Arrears Value

* Forecasted



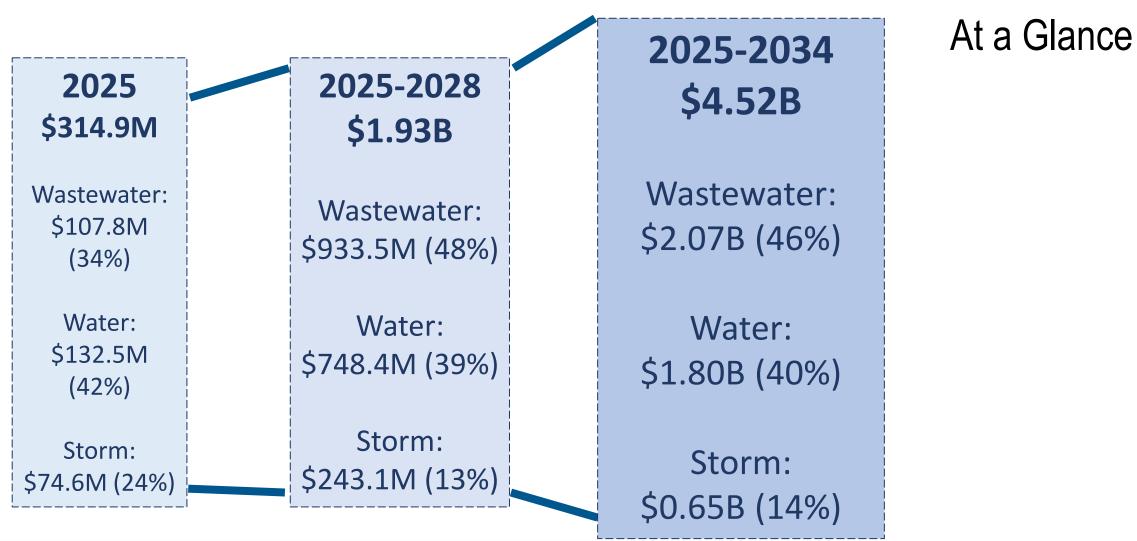
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CAPITAL INVESTMENTS AT A GLANCE



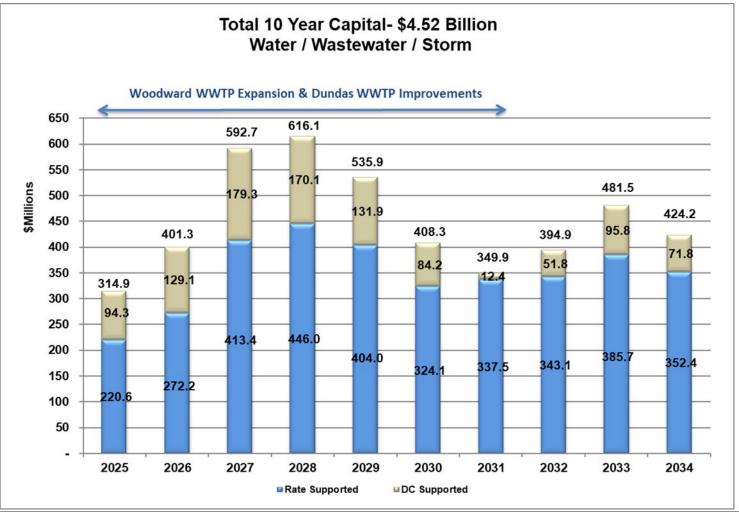
2025 Preliminary Water, Wastewater and Stormwater Rate Supported Budget

LONG TERM CAPITAL PROGRAM





2025 Preliminary Water, Wastewater and Stormwater Rate Supported Buldget 10 YEAR CAPITAL PROGRAM How much we plan to spend

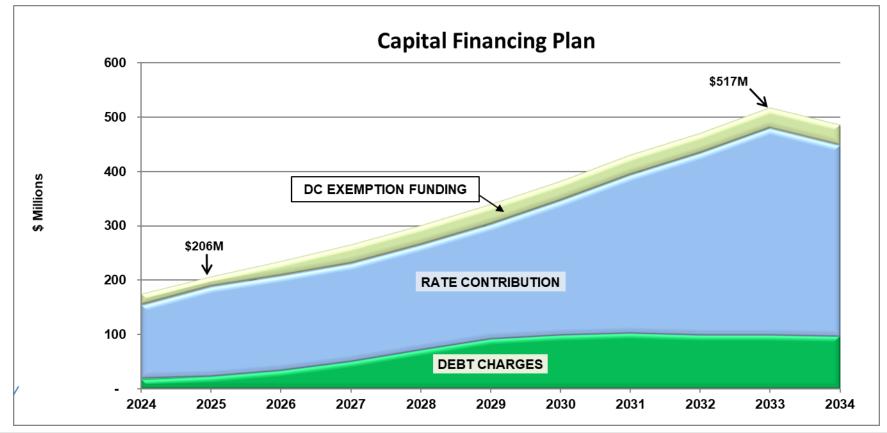




2025 Preliminary Water, Wastewater and Stormwater Rate Supported Budget

10 YEAR CAPITAL STRATEGY

How will we pay for it



Contribution to capital increasing from \$206M in 2025 to \$517M in 2033 *Largely due to increase in capital construction*



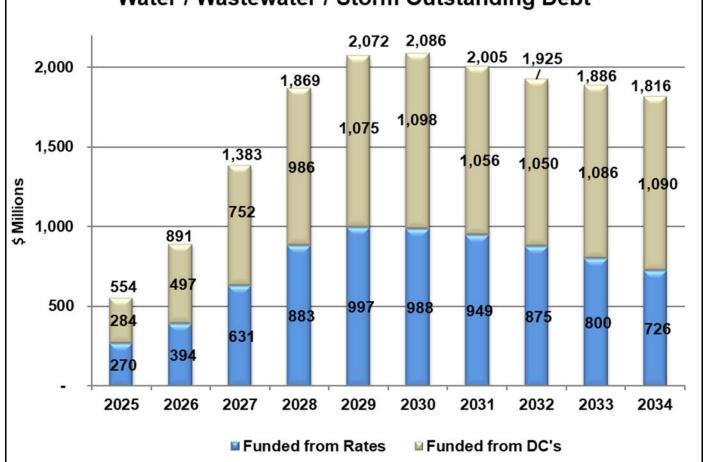
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DEBT AND RESERVE FUNDING



2025 Preliminary Water, Wastewater and Stormwater Rate Supported Budget 10 YEAR CAPITAL STRATEGY



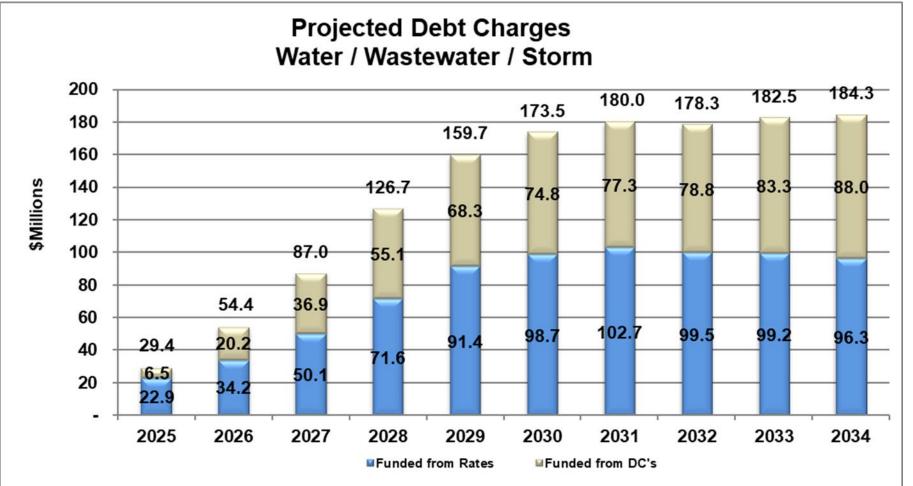




2025 Preliminary Water, Wastewater and Stormwater Rate Supported Budget

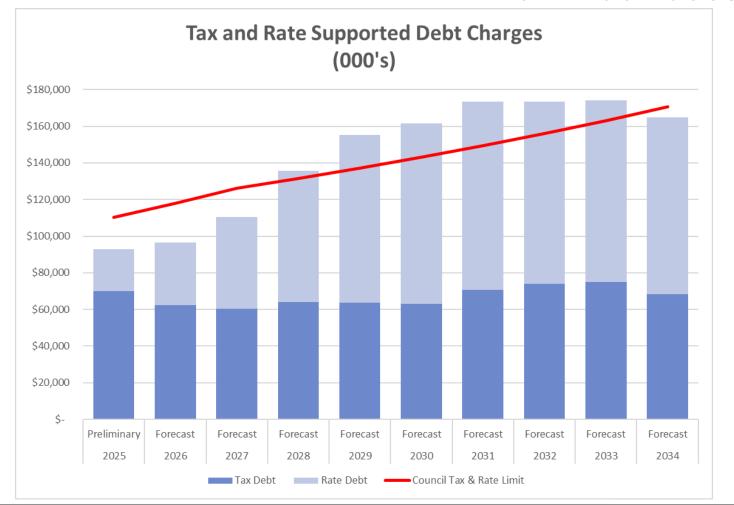
10 YEAR CAPITAL STRATEGY

How much does our debt cost?



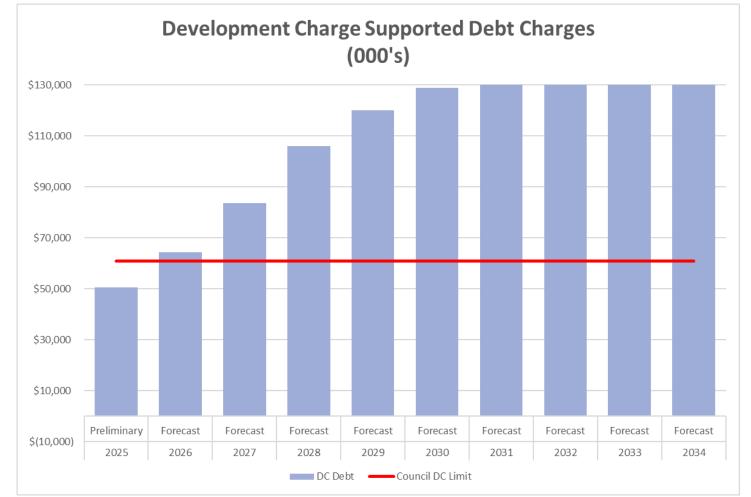


2025 Preliminary Water, Wastewater and Stormwater Rate Supported Budget 10 YEAR CAPITAL STRATEGY How much does our debt cost?





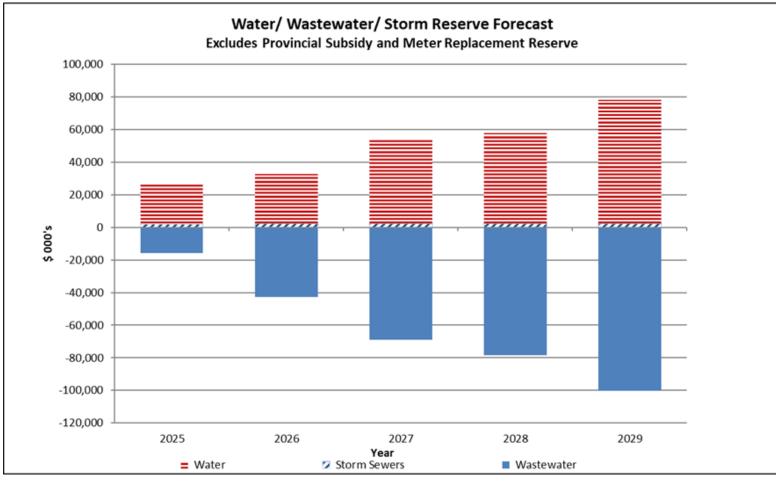
2025 Preliminary Water, Wastewater and Stormwater Rate Supported Budget 10 YEAR CAPITAL STRATEGY How much does our debt cost?





2025 Preliminary Water, Wastewater and Stormwater Rate Supported Budget 10 YEAR CAPITAL STRATEGY

How much reserves will we use?





Page 239 of 256 2025 Preliminary Water, Wastewater and Stormwater Rate Supported Budget On the Horizon

2026 Dedicated Stormwater Fee - Changes from \$170 to \$270 Single Family Unit (SFU)

- Increase to the 2026 Stormwater budget (grown from \$37M to \$54M) increasing capital investment in the Stormwater system
- Approved Credit Program (grown from estimated \$1.5M to \$9.6M)
- Implementation date revised from September 1, 2025 to April 1, 2026

Utility Billing Transition

- Anticipated transition from Alectra Q4 2025
- Systems and Staffing Infrastructure currently being implemented



2025 Preliminary Water, Wastewater and Stormwater Rate Supported Budget FINANCE & AFFORDABILITY

Summary

- Alignment with Mayoral Directive to Staff (MDI-2024-03) on the 2025 Budget Process (October 28, 2024)
- Balances need for investments in infrastructure upgrades with affordability considerations
- Considered an equitable approach to debt and reserve management and not overburdening future generations of Hamiltonians
- Considers need for support from Provincial and Federal Governments
- Continues the strategy of 10% average increases over 10-years (the most balanced approach and ties the debt financing strategy to long-term investments that benefit multiple generations)



2025 Preliminary Water, Wastewater and Stormwater Rate Supported Budget **Page 241 of 256 Page 241 of 256 PROPOSED NEXT STEPS**

November 28, 2024 GIC Rate Budget Meeting (note 1)

December 11, 2024 Council Approval of 2025 Rate Budget

Note: 1. If needed







INFORMATION REPORT

то:	Mayor and Members General Issues Committee
COMMITTEE DATE:	November 22, 2024
SUBJECT/REPORT NO:	Alectra Utilities Water, Wastewater and Storm 2024 Service Activity Report (FCS24056) (City Wide)
WARD(S) AFFECTED:	City Wide
PREPARED BY:	Katie Black (905) 546-2424 Ext. 6415
SUBMITTED BY:	Brian McMullen Director, Financial Planning, Administration and Policy Corporate Services Department
SIGNATURE:	Bott "nuller

COUNCIL DIRECTION

Not applicable.

INFORMATION

Alectra Utilities Corporation ("Alectra Utilities") has been providing water and wastewater / storm account management and billing services to the City of Hamilton ("City") since December 2001 with a renewed service agreement executed in June 2020 extending terms to December 31, 2025 (for details refer to Report FCS19095(a)).

On August 6, 2021, the City was advised that Alectra's Board of Directors, at its May 21st meeting, approved an Alectra staff recommendation to discontinue water billing services as of December 31, 2024 (for details refer to Report FCS21082). It should be noted that Alectra similarly provided notice of termination to the municipalities of Guelph, Markham and Vaughan. All four municipalities have executed extension agreements with Alectra to continue providing utility billing services up to December 31, 2025.

SUBJECT: Alectra Utilities Water, Wastewater and Storm 2024 Service Activity Report (FCS24056) (City Wide) – Page 2 of 2

The budgeted cost of these services for 2024 is \$6.1 M. Costs are adjusted annually based on the terms of the service agreement, growth in customer accounts and for the City's 50% share of any postal rate increases that may occur from time to time.

Appendix "A" to Report FCS24056 provides a report of the service activities provided by Alectra Utilities during 2024.

APPENDICES AND SCHEDULES ATTACHED

Appendix "A" to Report FCS24056 – 2024 Water and Wastewater / Stormwater Services Activity Report to the City of Hamilton – October 2024

Appendix "A" to Rep**ஷர்ஹீஹீஹீஹீ** Page 1 of 12



Discover the possibilities

2024 Water and Wastewater/Stormwater Services Activity Report to the City of Hamilton

October 2024

Rob Rohr, Manager Billing

2024 in Review

Alectra Utilities Corporation ("Alectra") services over one million homes and businesses across a 1,924 square kilometre service territory, comprising seventeen communities. Billing, payment, and related customer services are provided to approximately 436,000 water and wastewater customers across four municipalities, including 162,000 customers within the City of Hamilton (City). Approximately 37,000 Hamilton customers receive a stand-alone water services bill where the customer premise is outside of Alectra's electricity distribution service territory.

The following is a summary of 2024 in review:

Unbilled City of Hamilton water accounts

In April 2022, Hamilton City Council received a report from City staff that advised a number of significant high volume water accounts had temporarily not been billed and that the total level of unbilled water accounts was relatively high as a result of COVID-related challenges, including Alectra staffing challenges, and access restrictions to customer premises driven by COH policy / process changes, together with the inability to contact customers to establish appointments to read or repair meters. The City staff report noted that there were 1,500 unbilled accounts greater than 70 days aged, and that it would take approximately 4 months to resolve to a more sustainable level. By October 2022, the number was successfully reduced to 729.

Alectra committed to implement several corrective actions and controls to enhance its processes and address concerns with unbilled invoices and subsequent back billing as detailed below. The success of these actions has continued into 2024 and is reflected in the latest Meter Reading and Billing Statistics found on page 6 of this report. As of October 2024, the number of unbilled water accounts has decreased further from 63 in October 2023 to only 38. Based on approximately 162,000 accounts, this is a bill success rate of 99.97%.

Process Changes

Alectra Utilities has implemented programs and controls to enhance its processes to drive continuous improvement.

Investment in people

- There continues to be a dedicated Billing Supervisor for Hamilton Water to ensure adequate focus is placed on water billing and upcoming water billing transition back to the city.
- Continue to monitor KPI's and offer overtime to provide more capacity.
- Continue to prioritize continuous learning, upskilling, and training to increase staff's ability to deal with complex billing concerns. More Billers are trained and called upon to help with unbilled water billing and related backlog issues.
- Dedicated Billing Training Supervisor and dedicated Billing Trainer on the Training Support team.
- Hiring co-op students year-round to follow-up on estimated Hamilton water accounts

Process Changes Completed

- Update of automated outbound high usage calls to provide clarity on the premise address as some customers may own more than one property.
- Update of website to enhance the customer experience, including more insight on their usage and bills, notifications and ability to make payment arrangements online

 Implementation of internal KPI's to monitor the level of estimated accounts to continue to support reporting of estimated accounts to the COH and implement actions as directed. Compliance activities to support obtaining actual reads has resumed in coordination with the City. The read success rate has reached 97% compared to 96% in previous years.

Ongoing and Future Activities

- Alectra Utilities is working in conjunction with the city's project team and planning for the handover of water-billing activities to the City of Hamilton in 2025.
- Alectra staff have participated in information gathering sessions and demo of existing processes and system to inform the transition.

City of Hamilton Water Leak Adjustment Policy

As of January 1, 2022, the COH implemented a new Leak Protection Program to cover excess costs resulting from unexpected water leaks in resident's homes. The Program offers increased coverage for qualifying leaks of up to \$3,000 once every 24 months for residential customers who may incur an unexpected expense on their water bill that water leaks can cause.

Administration of the revised Program shifted to a City third party administrator (ServLine) with account credit adjustments for approved claims continue to be completed by Alectra. As mentioned previously, the Program has seen a total of 201 approved claims this year as of September 1, 2024, and approximately \$165K in credits to assist customers with water leaks.

Estimated Bills and Response

Alectra Utilities is committed to providing accurate water billing to Hamilton customers and recognizes that underestimated consumption is problematic. To help manage estimated consumption, Alectra Utilities has historically had in place several controls, including monthly reporting of estimated accounts to the City. Commercial accounts with more than three consecutive estimated bills were estimated based on two times historical consumption. Alectra works diligently with City staff to action stopped meters, malfunctioning touch pads and water meters. This includes compliance activities to gain access to replace water meters as required.

Alectra continues a customer-focused approach for families and businesses still facing financial challenges post-pandemic.

- Alectra continues to support customers in financial difficulty through flexible payment terms.
- Alectra encourages anyone having trouble paying their bills to consider a variety of the available assistance programs, including the Low-income Energy Assistance Program, and the Ontario Electricity Support Program.
- Customers having trouble making payments are encouraged to reach out to Alectra to establish a payment plan that works for them.

2024 Service Overview

In 2024, Alectra's suite of water related services for the City included:

- Meter reading
- Bill calculation, printing, mailing and electronic bill presentment options (paperless e-billing)
- Customer notifications
- Full customer Contact Centre support, responses to inquiries and liaison between the

customer and the City for escalated concerns including high consumption inquiries related to seasonal usage

- Supporting the City's Leak Adjustment Policy by providing billing history for customers with leak adjustment claims to the City and processing credit adjustments to accounts for customers with approved leak claims
- Payment processing
- Account collections including the administration of payment arrangements
- Online customer tools and access to account information including account status and consumption information
- Monthly and annual statistical reporting
- Ad-hoc reporting upon request
- Completion of work orders; issuing service orders to Hamilton Water
- Transfers of water and wastewater/stormwater arrears to property tax roll
- Billing, invoicing, payment processing and management of Sewer Discharge Permits
- Billing and collection of loans related to the City's Lead Water Service Line Replacement Loan Program
- Managing Energy & Water Reporting and Benchmarking (EWRB) legislative reporting requirements for customers

Meter Reading and Billing

The foundation of customer billing services is the receipt of accurate and timely invoices. Alectra Utilities manages its meter reading schedules daily to ensure that water meter reads are available to support monthly water and wastewater/storm billing for all customer types.

Alectra Utilities and the City strive to obtain actual meter readings for accurate billing. Where an actual reading cannot be obtained, the account is billed to an estimated reading based on the account's historical usage. Meter read request cards that alert customers an actual reading was not obtained are left at the property. Estimated reads are clearly identified on the customer's bill. Meter reads may be provided by calling Alectra Utilities Customer Service department, utilizing our automated Interactive Voice Response ("IVR") telephone system, or completing a water meter reading online form on the Alectra Utilities website. If three consecutive meter reading estimates occur, a separate notification letter and an automated TTS (Text-to-Speech) outbound call are provided as additional customer engagement communications.

Actual meter reads are the foundation of providing customers accurate bills. After the pandemic, in 2023, the meter read success rate returned to historical norms and have further improved so far in 2024 to 97%.

Electronic "smart" water meters have been installed in hard-to-reach locations and are read through Alectra's wireless telecommunications. More than 600 electronically read water meters were installed. As the City looks to alternate billing and meter reading solutions, these meters will be converted to current technology used by the City.

In 2024, Alectra continued to manage some aspects of the City's Lead Water Service Line Replacement Loan Program. This includes the billing and collection of loans provided to residential property owners who qualify for the program. Prior to 2019, these loans were collected via the property owner's taxes.

Alectra's Customer Information System ("CIS") supports billing for a range of fees and charges required by the City including metered rates, various non-metered rates, and fixed charges based on meter size. Complex billing scenarios such as water haulers, master/satellites, seasonal meters, compound meters and electronic read water meters are all also managed through custom configuration within the CIS. Invoicing of the City's Wastewater Abatement Program, Private Fire Line user fees, Sewer Discharge Permit fees, back-billings and various Hamilton Water service charges are also managed by Alectra's billing application.

The City's meter replacement and meter maintenance programs have fully resumed post pandemic. Alectra's Billing team continued to work cooperatively with the City to finalize any outstanding work orders and is current in processing work orders.

In accordance with Council-approved water billing policy changes effective June 2018, Alectra Utilities continues to transfer residential accounts into the registered property owner's name as tenants vacate properties. Property owners benefit through opportunities to save interest and administrative costs related to tenant arrears being transferred to the tax roll, as well as having, the ability of identifying and responding to potential leaks at their rental property. There are currently only 5,072 residential accounts remaining in the tenant's name.

	2024	2023	2022	2021	2020
	Forecast	Actual	Actual	Actual	Actual
Number of Invoices	1,945,000	1,883,391	1,889,017	1,867,483	1,864,004
Revenue	\$299 MM	\$270 MM	\$252 MM	\$233 MM	\$229 MM
Meter Reads	1,884,533	1,864,832	1,713,283	1,813,146	1,736,440
Meter Read Success Rate	97%	96 %	92%	96%	96%
New Accounts Created	993	2151	1,971	1,660	1,389
*Touchpad", not working" Service Orders	774	730	827	989	565
Service Orders to relocate remote touchpad	134	229	204	212	120

Meter Reading and Billing Statistics

*Alectra reviews read errors - "Touchpad", not working", reported by our third-party meter reader. A "double check" verification is completed by a lead hand. This Alectra initiative significantly reduces the number of service orders sent to the COH.

Unbilled Accounts as of Sept 30, 2024:

Unbilled Accounts by Meter Size	Number of Accounts
0015 MM	1
0016 MM	28
0020 MM	3
0021 MM	3
0025 MM	1
0050 MM	1
(blank)	1
Total	38

Unbilled Accounts by Aging Bucket	Number of Accounts
70-100 Days	32
100-200 Days	6
>200 Days	0
Total	38

Unbilled Accounts by Customer Type	Number of Accounts
Commercial	6
Residential	32
Total	38

Customer Care and Communications

2024 Customer Care and Communications

The Customer Care team at Alectra remains dedicated to enhancing the customer service experience. By refining all communication touchpoints, we aim to balance assisted support with self-serve options, build a team with a human touch, and foster a celebrated customer-first culture.

2024 Achievements and Goals

In 2024, our Contact Centre focused on recognizing and rewarding agents who deliver quality customer experiences. We emphasized process improvements, resulting in increased Average Handle Time to ensure exceptional customer service, which boosted our First Call Resolution (FCR) statistics. Our FCR average in Q1 was 83%, 75% in Q2, and 73% in Q3.

Understanding the financial challenges some customers face, our team is committed to providing support and connecting them with social agencies. As community partners, we handled 13,381 calls relating to payment arrangements year-to-date, assisting customers with payment difficulties or account issues.

Strategic Shifts and Self-Service Enhancements

To better handle complex customer inquiries, we are shifting away from transactional, repetitive calls. Our 2024-2025 strategy focuses on expanding self-service options, thereby improving the customer experience and offering more rewarding work for our employees. As of August, our web self-serve rate stands at 45.1%. We aim to increase the use of Smart Forms, autopay enrollments, and digital channel transactions. Alectra is transitioning from transactional to solution-oriented interactions for live, complex calls, and will launch new self-service channels and technologies in 2024.

Investments in People, Operations, and Technology

In 2024, we invested in people, operations, and technology to enhance our customer care strategy. We set a vision for excellence, conducted a thorough assessment of our operations, and identified opportunities for large-scale transformation. We launched a transformational Quality Assurance program and leveraged advanced technologies and analytical approaches. This includes the introduction of online chat in 2024-2025 and exploring AI capabilities to assist frontline operations and resolve simpler queries.

Timely Customer Communications

Timely customer communications support positive customer relations. City bill inserts are included with invoices to advise customers of rate schedule changes or policy modifications. Additionally, special mailouts are coordinated for the city as requested.

Customer Call Response Times

Alectra's Contact Centre is committed to providing timely, effective, and efficient service. We value our customers' time and aim to respond to inquiries and provide First Call Resolution whenever possible. Year-to-date, 77% of customers surveyed indicated that their request was resolved in one call to the Contact Centre.

In 2024, due to unprecedented high call volumes associated with implementation of Alectra's new online portal and collections activity, service levels in the contact center decreased from 60% in 2023 to 33%

YTD in 2024. To mitigate lower service levels, additional third-party agents have been hired, as well as ongoing investments made into training and knowledge management to increase first call resolution and reduce average handle time. Alectra is also investing in IVR and chat technology to improve the effectiveness of IVR call routing and to improving the efficiency and accuracy of the contact center.

Customer calls answered within 30 seconds:

٦	Fable	
	Year 2024	Incoming Calls 33% YTD Sep
	2023	60%
	2022	70%
	2021	70%
	2020	67%
	2019	76%

Customer Education and Support

Alectra's website offers a comprehensive section on water and wastewater/storm services, including:

- Billing explanations
- Understanding your water bill
- Rates and charges
- How to read a water meter
- Important information for homeowners and travelers
- Privacy and billing policies
- Responsibilities for charges
- Private Fire Line and Sewer Discharge Permit Charges
- Service user fees
- FAQs
- Water conservation tips

Customers can use the MyAccount portal to securely view bills, track water consumption, and manage their accounts, including opting for paperless billing. Alectra's new online portal was implemented in April 2024, and further features will be added later this year, such as automated payment arrangement functionality and smart forms in 2025.

Comprehensive Customer Support

Our Customer Care team supports billing, payment services, and collection activities for water and wastewater/storm accounts. The Contact Centre's training team has implemented specialized training to support our Hamilton Water queue. We handle queries related to:

- Change of address
- Payment options
- Pre-authorized payments
- Equal payment plans
- Rate calculations
- Payment arrangements and collections
- Conservation information
- Transfer of arrears to property tax roll
- Meter reading access issues
- High usage/bill inquiries and leak detection education
- Meter accuracy inquiries

Customers can also leave a voicemail for water meter readings.

In conclusion, Alectra's Customer Care team is committed to continuous improvement and innovation in customer service. By investing in our people, processes, and technology, we strive to provide exceptional support and enhance the overall customer experience. We look forward to further advancements in 2025 and beyond, ensuring that our customers receive the best possible care and service.

Payment Options and Collection Services

Alectra offers a variety of payment options tailored to each customer's unique needs. Customer payment options include:

- Automatic pre-authorized payment plans
- Equal monthly payment plans
- Cheque, money order, or bank withdrawal from most financial institutions
- Telephone banking
- Internet banking
- Credit Card Payment (with a Convenience Fee)

The *Municipal Act, 2001*, allows unpaid water and wastewater fees and charges to be placed on the City of Hamilton tax roll for the property to which the public utility was supplied, irrespective of who the consumer or account holder may be or have been.

In accordance with the City's Water/Wastewater Arrears Policy and to assist property owners who direct water and wastewater/storm billings to a tenant, Alectra endeavors to notify property owners of tenant/account holder arrears at 30 calendar days beyond the due date. If the account remains unpaid, the water/wastewater/storm arrears will be added to the property's tax roll when the account is 60 calendar days beyond the due date. Alectra manages the process of electronically transferring the outstanding fees and charges related to active and final billed accounts to the property tax roll. In 2024 Alectra took a more aggressive approach to in managing electricity accounts in arrears. This activity would also have been reflected on the water accounts hence the increase in the number of accounts being transferred to tax roll.

	2024 Forecast	2023 Actual	2022 Actual	2021 Actual	2020 Actual
Percentage of customers on Pre-Authorized Payment	31%	30%	33%	27%	26%
Water/Wastewater on Equal Payment Plan	7,104	7,129	7,345	7,691	8,113
30 day / 60 day Arrears Notification Letters sent	51,246	43,101	38,128	48,466	53,115
Number of Accounts Transferred to Tax Roll	27,840	22,976	20,224	23,762	21,135
Arrears Value	\$6.4MM	\$5.4 MM	\$4.4MM	\$4.7 MM	\$4.1 MM

Payment Options and Arrears Support

Administration and Management of City Programs and Special Requests

Arrears Certificates: Upon request from a solicitor, water and wastewater/storm arrears certificates are sent advising of any outstanding charges that remain at the time of closing for real estate transactions.

Service Orders: Alectra Utilities processes a variety of service orders from Hamilton Water's Customer Service and Community Outreach section related to activities such as new meter installations, meter replacements and account transfers.

High Water Read Notification Program: On behalf of the City, Alectra provides notification to account holders who experience higher than average historical water consumption. This timely notification provides customers the opportunity to identify and repair any leaks or identify usage that would affect the amount of water consumed.

Water Leak Adjustment Policy: The City of Hamilton's Water Leak Adjustment Policy provides residential customers who utilize City of Hamilton water services with financial assistance under certain circumstances. The Policy provides an opportunity for customers to request adjustments to water/wastewater/storm charges where repair(s) of water leaks within private property occurs, excluding any water leaks in the water service pipe.

Customers may request adjustments to water and wastewater/storm charges by completing a Water Leak Adjustment Request form (available on the City's website). Information on the Policy guidelines, qualifications and application form is available at <u>www.hamilton.ca/leaks</u>.

Billing of Seasonal Accounts: Reads and their related work orders completed by the City are forwarded to Alectra Utilities twice per year and the information is used to reconcile seasonal accounts.

Billing of Sewer Discharge Permits: On a quarterly basis, Alectra bills sewer discharge permits with the City's annual budget for these revenues of almost \$10.5MM. Monthly reporting of unpaid accounts is forwarded to the City for tracking purposes.

Program Management Information

	2024	2023	2022	2021	2020
	Forecast	Actual	Actual	Actual	Actual
Service Orders Completed	17,000	18,871	20,673	25,762	25,107
High Water Notification Letters	18,186	21,104	24,913	17,657	22,086
Leak Adjustment Request Forms Received	N/A	N/A	N/A	69	55
Leak Adjustment Credits applied to accounts	\$248,000	\$255,118	\$123,779	\$25,258	\$25,949

Reporting

Alectra has reporting to manage the water and wastewater/storm billing activities including exception handling. A variety of statistical and summary reports are sent to the City each month to enable analysis and program oversight, including:

- Monthly billing detail report
- Adjustments detail report
- Leak Adjustments summary
- Wastewater Abatement summary
- Non-metered account listing
- Large water user billing report
- Meter read accuracy report
- Rate types and meter size
- Sewer Discharge Permit billing report
- Private Fire Line charges
- Summary of aging arrears and current account receivables
- Revenue report by rate class
- Trial balance for all account receivable transactions
- Adjustments by type

Energy & Water Reporting and Benchmarking ("EWRB") legislative regulations require property owners that have facilities greater than 100,000 square feet to report annual energy and water consumption and performance data to the Ontario Ministry of Energy. Alectra provides both electric and water consumption information to our customers for them to comply with the mandatory reporting for these large buildings. So far in 2024, Alectra provided EWRB information to approximately 250 large industrial and institutional customers and condominium corporations.

Community Engagement

Alectra's Customer Assistance Programs team was set up in 2023, with a mandate to work with vulnerable customers at risk of being disconnected to develop personalized payment arrangement plans and work with outside agencies to source additional funds to pay off customer arrears. Last year, Alectra distributed over \$1.3 million in Low-income Electricity Assistance Program (LEAP). funding to customers and sourced over \$86,000 in funds from other government sources and social agencies to assist customers. The team has also contacted more than 1,500 individuals to provide one-on-one affordability education and to help increase the number of customers subscribed to provincial affordability programs, like the Ontario Electricity Support Program (OESP) and the Low-income Electricity Assistance Program (LEAP).

Alectra continues to grow its Customer Affordability Programs through continued community participation with school boards, faith-based organizations, and community relations events such as the "Walk a Mile"

in Hamilton. Alectra also recently held a lunch and learn with attendees from 13 social and communitybased agencies to provide education on available resources.

The Power to Save booklet was recently released with a focus on low-income customers. The booklet contains easy to understand information on Electricity 101, the online portal My Alectra, Rates and Ways to Reduce Your Bill. With lots of energy savings tips and a usage guide for many everyday appliances and electronics, the booklet is an excellent tool for our low income and vulnerable customers.

With this combination of approaches, Alectra can make an impact in their service territory and support their most vulnerable customers. Our focus on supporting our Low-Income and vulnerable customers continues with additional tools and planned for 2025.