



**GENERAL ISSUES COMMITTEE
(RATE BUDGET)
REPORT 22-021**

9:30 a.m.

November 24, 2022 and December 2, 2022
Council Chambers, City Hall, 2nd Floor
71 Main Street West, Hamilton, Ontario

November 24, 2022:

Present: Mayor A. Horwath, Councillors B. Clark (Chair)
Councillors J. Beattie, C. Cassar, M. Francis, T. Hwang, T. Jackson,
C. Kroetsch, T. McMeekin, N. Nann, E. Pauls, M. Spadafora, M. Tadeson,
A. Wilson, M. Wilson

Absent: J. P. Danko – Personal

December 2, 2022:

Present: Mayor A. Horwath, Councillor B. Clark (Chair)
Councillors J. Beattie, C. Cassar, J. P. Danko M. Francis, T. Hwang,
C. Kroetsch, T. McMeekin, N. Nann, E. Pauls, M. Spadafora,
M. Tadeson, A. Wilson, M. Wilson

Absent: T. Jackson – Personal

**THE GENERAL ISSUES COMMITTEE PRESENTS REPORT 22-021, AND
RESPECTFULLY RECOMMENDS:**

- 1. Implementation of Utility Billing Services (FCS21082(b)) (City Wide) (Item 6.1) (November 24, 2022)**

That Report FCS21082(b), respecting the Implementation of Utility Billing Services, be received.

2. Alectra Utilities Water, Wastewater and Storm 2022 Service Activity Report (FCS22077) (City Wide) (Item 6.2) (November 24, 2022)

That Report FCS22077, respecting the Alectra Utilities Water, Wastewater and Storm 2022 Service Activity Report, be received.

3. 2023 Recommended Water, Wastewater and Stormwater Budget (FCS22054) (City Wide) (Item 6.1) (December 2, 2022)

- (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, 2023:

Monthly Water Consumption (m3)	Rate (\$/m3)
0 – 10	0.98
> 10	1.96

- (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 \$1.96 per cubic metre, effective January 1, 2023;
- (c) That daily water fixed charges for all properties in the City of Hamilton be imposed at the following rates, effective January 1, 2023:

Meter Size	Daily Water Rate
15 mm	\$0.43
16 mm	\$0.43
20 mm	\$0.43
21 mm	\$0.43
25 mm	\$1.08
38 mm	\$2.15
50 mm	\$3.44
75 mm	\$6.88
100 mm	\$10.75
150 mm	\$21.50
200 mm	\$34.40

250 mm	\$49.45
300 mm	\$73.10

- (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, 2023:

Monthly Water Consumption (m3)	Rate (\$/m3)
0 – 10	0.98
> 10	1.96

- (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 \$1.96 per cubic metre, effective January 1, 2023;
- (f) That daily wastewater / storm fixed charges for all properties in the City of Hamilton be imposed at the following rates, effective January 1, 2023:

Meter Size	Daily Wastewater / Storm Rate
15 mm	\$0.47
16 mm	\$0.47
20 mm	\$0.47
21 mm	\$0.47
25 mm	\$1.18
38 mm	\$2.35
50 mm	\$3.76
75 mm	\$7.52
100 mm	\$11.75
150 mm	\$23.50
200 mm	\$37.60
250 mm	\$54.05
300 mm	\$79.90

- (g) That the residential non-metered annual water rate be imposed at the flat rate of \$715.40 per annum, effective January 1, 2023;

- (h) That the residential non-metered annual wastewater / storm rate be imposed at the flat rate of \$715.40 per annum, effective January 1, 2023;
- (i) That the residential combined non-metered annual water and wastewater / storm rate be imposed at the flat rate of \$1,430.80 per annum, effective January 1, 2023;
- (j) That the Private Fire Line rates be imposed at the following rates, effective January 1, 2023:

Connection Size		Monthly Rate
mm	inches	
25	1	\$4.30
38	1.5	\$9.88
50	2	\$17.18
75	3	\$38.66
100	4	\$68.72
150	6	\$154.63
200	8	\$274.89
250	10	\$274.89
300	12	\$274.89

- (k) That the 2023 Water, Wastewater and Storm Proposed User Fees and Charges be imposed as per Appendix “A” to Report 22-021, effective January 1, 2023;
- (l) That the 2023 Water, Wastewater and Stormwater Rate Supported Operating Budget in the amount of \$272,446,747 be approved as per Appendix “B” to Report 22-021;
- (m) 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 2023 Water, Wastewater and Stormwater Rate Supported Operating Budget forecast 2024-2032 (Appendix “B” to Report 22-021) be approved, in principle;
- (n) That the 2023 Water, Wastewater and Stormwater Rate Supported Capital Budget and Financing Plan in the amount of \$255,306,080 be approved as per Appendices “C”, “D”, “E” and “F” to Report 22-021;

- (o) That the 2024-2032 Water, Wastewater and Stormwater Rate Supported Capital Budget forecast and financing plan (Appendix “G” to Report 22-021) be approved, in principle;
- (p) That the City Solicitor be authorized and directed to prepare, for Council approval, all necessary by-laws respecting the 2023 water and wastewater / storm user fees, charges and rates set out in Recommendations (a) through (k) of Report FCS22054;
- (q) That the 2023 Rate Supported Staffing Summary be approved as per Appendix “H” to Report 22-021;
- (r) 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 \$82,913,428 Canadian currency as attached in Appendices “C”, “D” and “E” to Report 22-021, which includes \$14,892,398 in Rate Supported municipal debt and \$68,021,030 Rate Supported Development Charges municipal debt;
- (s) 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 (r) and (u) including, but not limited to, external legal counsel and fiscal agents;
- (t) That the General Manager, Finance and Corporate Services, be 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 (r) and (s) and conditional upon the by-law being enacted as described in Recommendation (u) to Report FCS22054, on terms and conditions satisfactory to the General Manager, Finance and Corporate Services, and in a form satisfactory to the City Solicitor;
- (u) 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 (r) to Report FCS22054;
- (v) That the New Development Water Customer Attachment Billing Policy be revised to reinstate applicable Construction Water Fees effective January 1, 2023, as per Appendix “I” to Report 22-021;

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

November 24, 2022:

FOR INFORMATION:

(a) APPROVAL OF AGENDA (Item 2)

The Committee Clerk advised that there were no changes the agenda.

The agenda for the November 24, 2022 General Issues Committee meeting was approved, as presented.

(b) DECLARATIONS OF INTEREST (Item 3)

There were no declarations of interest.

(c) STAFF PRESENTATIONS (Item 5)

(i) 2023 Recommended Water, Wastewater and Stormwater Budget (FCS22054) (City Wide) (Item 5.1)

Nick Winters, Director, Hamilton Water, provided the first portion of the presentation.

The General Issues Committee recessed for 15 minutes.

The General Issues Committee recessed for a half hour lunch.

Brian McMullen, Director Financial Planning Administration and Policy, provided the second portion of the presentation.

The presentation, respecting Report FCS22054 - 2023 Recommended Water, Wastewater and Stormwater Budget, was received.

Report FCS22054 - 2023 Recommended Water, Wastewater and Stormwater Budget, was DEFERRED to the December 2, 2022 General Issues Committee Rate Budget meeting.

(d) ADJOURNMENT (Item 11)

There being no further business, the General Issues Committee adjourned at 4:05 p.m.

December 2, 2022:

FOR INFORMATION:

(a) APPROVAL OF AGENDA (Item 1)

The Committee Clerk advised that there were no changes the agenda.

The agenda for the December 2, 2022 General Issues Committee meeting was approved, as presented.

(b) DECLARATIONS OF INTEREST (Item 2)

There were no declarations of interest.

(c) APPROVAL OF MINUTES OF PREVIOUS MEETINGS (Item 3)

(i) November 21, 2022 and November 24, 2022 (Items 3.1 and 3.2)

The Minutes of the November 21, 2022 and November 24, 2022 General Issues Committee (Budget) meetings were approved, as presented.

(d) NOTICES OF MOTION (Item 9)

Councillor C. Kroetsch introduced the following Notice of Motion:

(i) Resources Required to Identify, Categorize, Value, and Evaluate the City's Natural Assets

That staff be directed to report back to the Planning Committee on the resources required in order to identify, categorize, value, and evaluate the City's natural assets.

(e) ADJOURNMENT (Item 11)

There being no further business, the General Issues Committee adjourned at 11:03 a.m.

Respectfully submitted,

Councillor Brad Clark
Chair, General Issues Committee (Budget)

Stephanie Paparella
Legislative Coordinator,
Office of the City Clerk

CITY OF HAMILTON
2023 WATER AND WASTEWATER/STORM FEES AND CHARGES
Effective January 1, 2023

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.

Meter Size	Water Rate	Wastewater/ Rate	Storm
15 mm	\$ 0.43	\$	0.47
16 mm	\$ 0.43	\$	0.47
20 mm	\$ 0.43	\$	0.47
21 mm	\$ 0.43	\$	0.47
25 mm	\$ 1.08	\$	1.18
38 mm	\$ 2.15	\$	2.35
50 mm	\$ 3.44	\$	3.76
75 mm	\$ 6.88	\$	7.52
100 mm	\$ 10.75	\$	11.75
150 mm	\$ 21.50	\$	23.50
200 mm	\$ 34.40	\$	37.60
250 mm	\$ 49.45	\$	54.05
300 mm	\$ 73.10	\$	79.90

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.

Consumption Block	Monthly Water Consumption (m3)	Residential Meter Size <25mm	Residential Meter Size =>25mm and Commercial, Institutional & Industrial
		Rate (\$/m3)	Rate (\$/m3)
1	0-10	0.98	1.96
2	>10	1.96	1.96

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.

Treatment Block	Monthly Water Consumption (m3)	Residential Meter Size <25mm	Residential Meter Size =>25mm and Commercial, Institutional & Industrial
		Rate (\$/m3)	Rate (\$/m3)
1	0-10	0.98	1.96
2	>10	1.96	1.96

D) Non-Metered Annual Water & Wastewater/Storm Rate

Flat Rate Water Customers Annual Rate: \$715.40

Flat Rate Wastewater/Storm Customers Annual Rate: \$715.40

Combined Flat Rate Water & Wastewater/Storm Customers Annual Rate: \$1,430.80

City of Hamilton - 2023 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 Connection		Monthly Rate
mm	inches	
25	1	\$ 4.30
38	1.5	\$ 9.88
50	2	\$ 17.18
75	3	\$ 38.66
100	4	\$ 68.72
150	6	\$ 154.63
200	8	\$ 274.89
250	10	\$ 274.89
300	12	\$ 274.89

**PUBLIC WORKS
HAMILTON WATER**

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	Account #	Ref #	Service Offered	2022 including HST (if applicable)	2023 Proposed Fee	HST (y/n)	2023 including HST (if applicable)	% Fee Change	Basis for Fee Increase or Decrease		
R84-026	510220	47220	1	WATER DISTRIBUTION								
				Water Meter Permit Fee								
				<i>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.</i>								
				1a) 16mm (5/8"x3/4") Displacement	\$359.70	\$359.70	n	\$359.70	0.0%	Current fee achieves full cost recovery		
				1b) 20mm (3/4") Displacement	\$404.60	\$404.60	n	\$404.60	0.0%	Current fee achieves full cost recovery		
				1c) 21mm (3/4"x1") Displacement	\$404.60	\$404.60	n	\$404.60	0.0%	Current fee achieves full cost recovery		
				1d) 25mm (1") Displacement	\$559.40	\$559.40	n	\$559.40	0.0%	Current fee achieves full cost recovery		
				1e) 38mm (1.5") Displacement	\$951.35	\$1,121.03	n	\$1,121.03	17.8%	To achieve full cost recovery		
				1f) 50mm (2") Displacement	\$1,218.80	\$1,284.78	n	\$1,284.78	5.4%	To achieve full cost recovery		
				1g) 50mm (2") Compound with strainer	\$3,316.40	\$3,316.40	n	\$3,316.40	0.0%	Current fee achieves full cost recovery		
				1h) 100mm (4") Compound with strainer	\$5,304.84	\$5,444.47	n	\$5,444.47	2.6%	To achieve full cost recovery		
				1i) 150mm (6") Compound with strainer	\$11,495.85	\$11,495.85	n	\$11,495.85	0.0%	Current fee achieves full cost recovery		
				1j) 100mm (4") Fire Service Compound	\$9,108.49	\$11,187.62	n	\$11,187.62	22.8%	To achieve full cost recovery		
				1k) 150mm (6") Fire Service Compound	\$14,419.63	\$17,621.08	n	\$17,621.08	22.2%	To achieve full cost recovery		
				1l) 200mm (8") Fire Service Compound	\$20,076.77	\$24,358.00	n	\$24,358.00	21.3%	To achieve full cost recovery		
1m) 250mm (10") Fire Service Compound	\$26,293.48	\$31,887.59	n	\$31,887.59	21.3%	To achieve full cost recovery						
1n) Radio Remote Read Equipment Installation	\$254.24	\$285.90	n	\$285.90	12.5%	To achieve full cost recovery						
1o) Radio Remote Read Equipment Installation in Chamber	\$1,001.82	\$1,145.70	n	\$1,145.70	14.4%	To achieve full cost recovery						
R84-026	510220	45519	2	Water Meter Removal Fee								
				<i>Note: Cost to remove a meter prior to the building being demolished 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 schedule.</i>								
				2a) 16mm (5/8"x3/4") Displacement	\$135.15	\$120.55	y	\$136.22	0.8%	To achieve full cost recovery		
				2b) 20mm (3/4") Displacement	\$135.15	\$120.55	y	\$136.22	0.8%	To achieve full cost recovery		
				2c) 21mm (3/4"x1") Displacement	\$135.15	\$120.55	y	\$136.22	0.8%	To achieve full cost recovery		
				2d) 25mm (1") Displacement	\$135.15	\$120.55	y	\$136.22	0.8%	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	y	Cost + 10% OH	N/A							
R84-026	510220	45519	3	Water Meter Inspection Services								
				<i>Note: Cost for customer requested service relating to meter investigation</i>								
				3a) Regular Hours Inspection	\$134.97	\$134.35	y	\$151.82	12.5%	To achieve full cost recovery		
				3b) After Hours Inspection	\$181.06	\$167.94	y	\$189.77	4.8%	To achieve full cost recovery		
3c) Same Day Inspection	\$315.98	\$289.13	y	\$326.72	3.4%	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

2023 PROPOSED USER FEES AND CHARGES

PUBLIC WORKS
HAMILTON WATER

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

Dept. By-Law #	Dept ID	Account #	Ref #	Service Offered	2022 including HST (if applicable)	2023 Proposed Fee	HST (y/n)	2023 including HST (if applicable)	% Fee Change	Basis for Fee Increase or Decrease
R84-026	510220	45608	4	Replacement Cost for Lost Meter Note: Cost to replace a meter that has been lost, stolen or damaged. Includes meter, installation and administrative costs.						
			4a)	15mm (5/8") Displacement	\$321.43	\$284.45	y	\$321.43	0.0%	Current fee achieves full cost recovery
			4b)	16mm (5/8"x3/4") Displacement	\$321.43	\$284.45	y	\$321.43	0.0%	Current fee achieves full cost recovery
			4c)	20mm (3/4") Displacement	\$386.73	\$342.24	y	\$386.73	0.0%	Current fee achieves full cost recovery
			4d)	21mm (3/4"x1") Displacement	\$386.73	\$342.24	y	\$386.73	0.0%	Current fee achieves full cost recovery
			4e)	25mm (1") Displacement	\$460.75	\$407.74	y	\$460.75	0.0%	Current fee achieves full cost recovery
			4f)	38mm (1.5") - 250mm (10") Meters (cost depends on size, labour, and meter location)	Cost + 10% OH	Cost + 10% OH	y	Cost + 10% OH	0.0%	New fee at full cost recovery
R84-026	510220	45690	5	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.						
			5a)	15 mm & 16 mm Diameter	\$491.10	\$491.22	y	\$555.08	13.0%	To achieve full cost recovery
			5b)	16-25mm Diameter - Test where meter has been removed from service within prior 90 days	\$227.86	\$212.85	y	\$240.52	5.6%	To achieve full cost recovery
			5c)	20 mm Diameter	\$554.49	\$558.86	y	\$631.51	13.9%	To achieve full cost recovery
			5d)	25 mm Diameter	\$650.76	\$662.07	y	\$748.14	15.0%	To achieve full cost recovery
			5e)	38 mm Diameter	\$1,309.00	\$1,359.44	y	\$1,536.17	17.4%	To achieve full cost recovery
			5f)	50 mm Diameter	\$1,742.55	\$1,578.14	y	\$1,783.29	2.3%	To achieve full cost recovery
			5g)	100 mm plus diameter (In Situ testing)	\$1,260.68	\$1,243.65	y	\$1,405.33	11.5%	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

2023 PROPOSED USER FEES AND CHARGES

PUBLIC WORKS
HAMILTON WATER

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

Dept. By-Law #	Dept ID	Account #	Ref #	Service Offered	2022 Including HST (if applicable)	2023 Proposed Fee	HST (y/n)	2023 including HST (if applicable)	% Fee Change	Basis for Fee Increase or Decrease
10-103	510220	45644	6	Backflow Prevention Program <i>Note:</i> Costs for contractor registration fee, administration fees for processing backflow prevention test reports and survey forms.						
			6a)	Annual Program Registration Fee	\$163.76	\$155.25	y	\$175.43	7.1%	To achieve full cost recovery
			6b)	Test Report receipt and processing (per submission of each test report)	\$72.61	\$64.26	y	\$72.61	0.0%	Current fee achieves full cost recovery
			6c)	Cross Connection Survey Form processing (per form upon submission)	\$194.74	\$183.80	y	\$207.69	6.6%	To achieve full cost recovery
			6d)	Backflow Prevention Device Investigation - Regular Hours	\$171.31	\$153.87	y	\$173.87	1.5%	To achieve full cost recovery
			6e)	Backflow Prevention Device Investigation - After Hours	\$233.80	\$210.96	y	\$238.39	2.0%	To achieve full cost recovery
R84-026	514330	45590	7	Construction Water <i>Note:</i> Charge for unmetred water used for construction prior to meter installation. Paid at the time of submitting building permit payment.						
			7a)	Single Residential (per lot or townhouse)	\$107.90	\$119.45	n	\$119.45	10.7%	Equal to variable water rate increase
			7b)	Multi-residential (per apartment/condo unit)	n/a	\$56.00	n	\$56.00	0.0%	New fee at full cost recovery
			7c)	Industrial/Commercial/Institutional (\$/1,000 sqft of building area or \$/ha where no structure is constructed)		\$39.25	n	\$39.25	0.0%	New fee at full cost recovery
			8	Hydrant/Road Adaptor Fees <i>Note:</i> 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 & installation fees apply. This service requires a usage deposit and a damage deposit.						
R84-026	514330	41208	8a)	Usage Cost (Metered Hauled Water Rate/m ³)	\$2.65	\$2.94	n	\$2.94	10.9%	Rate is 1.5x volumetric water rate
R84-026	514330	41209	8b)	Hydrant/Road Adaptor Connection/Disconnection Fee (Regular Hours-Fee for Both Services)	\$154.10	\$182.21	n	\$182.21	18.2%	To achieve full cost recovery
R84-026	514330	41209	8c)	Hydrant/Road Adaptor Connection/Disconnection Fee (After Hours/Emergency-Fee for Both S	\$291.20	\$352.52	n	\$352.52	21.1%	To achieve full cost recovery
R84-026	514330	41209	8d)	Non-Refundable Usage Deposit	\$300.00	\$300.00	n	\$300.00	0.0%	Deposit rounded to the nearest \$100
R84-026	514330	41209	8e)	Security/Damage Deposit	\$6,000.00	\$6,000.00	n	\$6,000.00	0.0%	Deposit rounded to the nearest \$100
R84-026	514330	41209	8f)	Hydrant/road adaptor rental fee for initial 7 days	\$82.56	\$87.56	n	\$87.56	6.1%	To achieve full cost recovery
R84-026	514330	41209	8g)	Per Diem hydrant/road adaptor rental fee after initial 7 days	\$6.13	\$6.13	n	\$6.13	0.0%	Current fee achieves full cost recovery
R84-026	514330	41209	8h)	Hydrant Adaptor Backflow Prevention Device Testing (Regular Hours)	\$95.30	\$109.37	n	\$109.37	14.8%	To achieve full cost recovery
R84-026	514330	41209	8i)	Hydrant Adaptor Backflow Prevention Device Testing (After Hours / Emergency)	\$160.10	\$187.74	n	\$187.74	17.3%	To achieve full cost recovery
R84-026	514330	47244	9	Private Water Station Agreement Fees Annual Renewal	\$422.82	\$422.82	n	\$422.82	0.0%	Current fee achieves full cost recovery
R84-026	514330	47232	10	Water Haulage Fees						
			10a)	Annual Water Haulage Permit Fee <i>Note:</i> Annual license fee to utilize the City's public filling stations.	\$65.79	\$63.63	y	\$71.90	9.3%	To achieve full cost recovery
			10b)	Account review <i>Note:</i> Costs charged for administrative services to provide customer account information for personal or taxation purposes.	\$99.76	\$96.28	y	\$108.80	9.1%	To achieve full cost recovery
R84-026	510220	45519	11	General Administration Fees						
			11a)	General Administrative Requests (per hour)/Report Requests	\$79.10	\$70.00	y	\$79.10	0.0%	Current fee achieves full cost recovery
			11b)	Permit Cancellation administrative fee	\$46.67	\$41.30	y	\$46.67	0.0%	Current fee achieves full cost recovery
			11c)	Permit Renewal Fee	\$46.67	\$42.33	y	\$47.83	2.5%	To achieve full cost recovery
			11d)	Lead Line Replacement Loan Application Fee	\$58.67	\$57.91	y	\$65.44	11.5%	To achieve full cost recovery
			11e)	Monthly AMI Manual Meter Read Fee	\$3.46	\$3.06	y	\$3.46	0.0%	Current fee achieves full cost recovery
			11f)	Water Shut-off Admin Fee	\$25.54	\$22.60	y	\$25.54	0.0%	Current fee achieves full cost recovery
			11g)	Water Shut-off Notice on Door	\$36.07	\$31.92	y	\$36.07	0.0%	Current fee achieves full cost recovery
			11h)	AMI Consumption History Fee	\$15.09	\$13.90	y	\$15.71	4.1%	To achieve full cost recovery
			11i)	NSF Fee - Processing fee on all 'returned' payments	\$41.50	\$38.09	y	\$43.04	3.7%	To achieve full cost recovery
			11j)	Coupling Fee (includes cost for one 3/4" 90 meter coupling and one 3/4" straight meter coupling)	n/a	\$37.13	y	\$41.96	0.0%	New fee at 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

2023 PROPOSED USER FEES AND CHARGES

PUBLIC WORKS
HAMILTON WATER

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	Account #	Ref #	Service Offered	2022 Including HST (if applicable)	2023 Proposed Fee	HST (y/n)	2023 Including HST (if applicable)	% Fee Change	Basis for Fee Increase or Decrease
R84-026				12	Water Inspection Services Note: Costs associated with various permit/inspection services related to water services.						
		514330	47235	12a)	Private Water Service Repair/Replacement Inspection (Reg Hours - Max 1 Hour Total	\$110.34	\$102.45	y	\$115.77	4.9%	To achieve full cost recovery
		514330	47235	12b)	Private Water Service Repair/Replacement Inspection (After Hours /Emerg - Max 1 Hour	\$187.81	\$175.21	y	\$197.99	5.4%	To achieve full cost recovery
		514330	45690	12c)	Water Service Abandonment Inspection (Regular Hours - Max 1 Hour Total Labour)	\$98.37	\$91.18	y	\$103.03	4.7%	To achieve full cost recovery
		514330	45690	12d)	Water Service Abandonment Inspection (After Hours / Emergency - Max 1 Hour Total	\$175.83	\$163.94	y	\$185.25	5.4%	To achieve full cost recovery
		514330	45690	12e)	Water Service Inspection for Demolition (Regular Hours - Max 1 Hour Total Labour)	\$98.37	\$91.18	y	\$103.03	4.7%	To achieve full cost recovery
		514330	45690	12f)	Water Service Inspection for Demolition (After Hours / Emergency - Max 1 Hour Total	\$175.83	\$163.94	y	\$185.25	5.4%	To achieve full cost recovery
		514330	45690	12g)	Missed or Cancelled Inspection	\$71.13	\$65.50	y	\$74.02	4.1%	To achieve full cost recovery
R84-026	514330	45679		13	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.						
				13a)	Turning Water On/Off (Regular Hours)	\$130.00	\$136.68	n	\$136.68	5.1%	To achieve full cost recovery
				14b)	Turning Water On/Off (After Hours/Emergency)	\$218.85	\$230.82	n	\$230.82	5.5%	To achieve full cost recovery
				14c)	Turning Water On/Off During the Same Visit (Regular Hours - Max 1/2 Hour Total Labour)	\$87.05	\$91.18	n	\$91.18	4.7%	To achieve full cost recovery
				14d)	Labour)	\$119.45	\$125.41	n	\$125.41	5.0%	To achieve full cost recovery
				14e)	Non-compliance Turn Water Off	\$85.54	\$91.18	n	\$91.18	6.6%	To achieve full cost recovery
				14f)	Non-compliance Turn Water On	\$85.54	\$91.18	n	\$91.18	6.6%	To achieve full cost recovery
R84-026	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.	\$109.27	\$101.46	y	\$114.65	4.9%	To achieve full cost recovery
R84-026	514330	45690		15	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 corresponding service call rate.</u>						
				15a)	Service Call (Regular Hours - Max 1 Hour Total Labour)	\$98.37	\$91.18	y	\$103.03	4.7%	To achieve full cost recovery
				15b)	Service Call (After Hours - Max 1 Hour Total Labour)	\$175.83	\$163.94	y	\$185.25	5.4%	To achieve full cost recovery
R84-026	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	y	Cost + 33% OH	N/A	To achieve full cost recovery
R84-026	514330	45690		17	Watermain Shutdowns Note: Costs associated with isolating a watermain to facilitate third party work.						
				17a)	Watermain Shutdown / Recharge (Regular Hours-Maximum 1 Hour Total Labour)	\$135.30	\$142.56	n	\$142.56	5.4%	To achieve full cost recovery
				17b)	Watermain Shutdown / Recharge (After Hours / Emergency-Maximum 1 Hour Total Labour)	\$244.46	\$258.09	n	\$258.09	5.6%	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	\$184.19 \$18.11 \$0.12	\$167.07 \$16.42 \$0.10	y y y	\$188.79 \$18.56 \$0.12	2.5% 2.5% 0.0%	To achieve full cost recovery To achieve full cost recovery Current fee achieves full cost recovery
R84-026	514330	45690		19	Miscellaneous Water Distribution System Repair 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.	Cost + 33% OH	Cost + 33% OH	y	Cost + 33% OH	N/A	To achieve full cost recovery
R84-026	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.						
				20a)	1/2 Hour Additional Labour (Regular Hours)-Water Distribution Operator	\$27.23	\$35.69	y	\$40.33	48.1%	To achieve full cost recovery
				20b)	1/2 Hour Additional Labour (After Hours)-Water Distribution Operator	\$40.91	\$48.53	y	\$54.84	34.1%	To achieve full cost recovery
R84-026				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.						
		514330	47230	21a)	Private Water Service Repair/Replacement Inspection (Reg Hours - Min. 1 Hour Total Labour) - Contract Inspector	n/a	\$105.98	y	\$119.76	0.0%	New fee at full cost recovery
		514330	47230	21b)	Private Water Service Repair/Replacement Inspection (After Hours /Emerg - Min. 2 Hour Labour) - Contract Inspector	n/a	\$228.57	y	\$258.28	0.0%	New fee at full cost recovery
		514330	45690	21c)	Private Water Service Repair/Replacement Inspection (Missed Calls) - Contract Inspector	n/a	\$75.34	y	\$85.13	0.0%	New fee at full cost recovery

2023 PROPOSED USER FEES AND CHARGES

**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	Account #	Ref #	Service Offered	2022 including HST (if applicable)	2023 Proposed Fee	HST (y/n)	2023 including HST (if applicable)	% Fee Change	Basis for Fee Increase or Decrease
06-026			1	COLLECTION SYSTEM INSPECTION & MAINTENANCE Wastewater Inspection Services Note: Costs associated with various permit and inspection services related to sewer laterals for properties.						
	516175	47230	1a)	Private Sewer Lateral Repair/Replacement Inspection (Regular Hours - Maximum 1 Hour Total Labour)	\$114.19	\$105.98	y	\$119.76	4.9%	To achieve full cost recovery
	516175	47230	1b)	Private Sewer Lateral Repair/Replacement Inspection (After Hours / Emergency - Maximum 1 Hour Total Labour)	\$244.14	\$228.57	y	\$258.28	5.8%	To achieve full cost recovery
	516175	45690	1c)	Missed or Cancelled Inspection	\$81.70	\$75.34	y	\$85.13	4.2%	To achieve full cost recovery
	516175	45690	1d)	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	y	Cost + 33% OH	N/A	To achieve full cost recovery
06-026	516175	45690	2	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. <u>Missed appointments will be billed the corresponding service call.</u>						
			2a)	Service Call (Regular Hours - Maximum 1 Hour Total Labour)	\$102.27	\$94.77	y	\$107.09	4.7%	To achieve full cost recovery
			2b)	Service Call (After Hours - Maximum 1 Hour Total Labour)	\$208.49	\$194.91	y	\$220.25	5.6%	To achieve full cost recovery
06-026	516175	45690	3	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						
			3a)	Complete Sewer Lateral Investigation - Regular Hours	\$477.20	\$422.30	y	\$477.20	0.0%	Current fee achieves full cost recovery
			3b)	Complete Sewer Lateral Investigation - After Hours	\$527.15	\$512.50	y	\$579.13	9.9%	To achieve full cost recovery
			3c)	Partial Sewer Lateral Cleaning - Regular Hours	\$155.94	\$247.50	y	\$279.68	79.3%	To achieve full cost recovery
			3d)	Partial Sewer Lateral Cleaning - After Hours	\$218.32	\$320.00	y	\$361.60	65.6%	To achieve full cost recovery
			3e)	Abandoned Sewer Lateral Investigation - Regular Hours	\$249.50	\$362.50	y	\$409.63	64.2%	To achieve full cost recovery
			3f)	Abandoned Sewer Lateral Investigation - After Hours	\$311.88	\$362.50	y	\$409.63	31.3%	To achieve full cost recovery
06-026	516175	45690	4	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	y	Cost + 33% OH	N/A	To achieve full cost recovery
06-026	516175	45690	5	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.						
			5a)	1/2 Hour Additional Labour (Regular Hours) - Wastewater Collection	\$26.56	\$35.04	y	\$39.60	49.1%	To achieve full cost recovery
			5b)	1/2 Hour Additional Labour (After Hours) - Wastewater Collection	\$39.83	\$47.56	y	\$53.74	34.9%	To achieve full cost recovery

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2023 PROPOSED USER FEES AND CHARGES

PUBLIC WORKS
HAMILTON WATER

Dept ID	Account #	Ref #	Service Offered	2022	2023	HST (y/n)	2023	% Fee Change	Basis for Fee Increase or Decrease
				including HST (if applicable)	Proposed Fee		including HST (if applicable)		
LABORATORY SERVICES									
510250	45519		Inorganic Tests:						
		1	Solids						
		1a)	Total Suspended Solids (TSS)	\$24.52	\$22.80	y	\$25.76	5.1%	To achieve full cost recovery
		1b)	TSS plus Volatile Suspended Solids (VSS)	\$24.52	\$23.80	y	\$26.89	9.7%	To achieve full cost recovery
		1c)	Total Solids (TS)	\$21.58	\$20.60	y	\$23.28	7.9%	To achieve full cost recovery
		1d)	TS plus Volatile Solids (VS)	\$22.71	\$21.80	y	\$24.63	8.5%	To achieve full cost recovery
		1e)	Total Dissolved Solids	\$36.27	\$35.00	y	\$39.55	9.0%	To achieve full cost recovery
		2	Skalar						
		2a)	Total Cyanide	\$42.26	\$41.00	y	\$46.33	9.6%	To achieve full cost recovery
		2b)	Phenolics	\$37.97	\$36.90	y	\$41.70	9.8%	To achieve full cost recovery
		2c)	Total Kjeldhal Nitrogen (TKN)	\$36.16	\$34.60	y	\$39.10	8.1%	To achieve full cost recovery
		2d)	Ammonia	\$39.10	\$34.60	y	\$39.10	0.0%	Current fee achieves full cost recovery
		2e)	Dissolved Organic Carbon	\$42.49	\$40.90	y	\$46.22	8.8%	To achieve full cost recovery
		2f)	Total Organic Carbon	\$42.49	\$40.90	y	\$46.22	8.8%	To achieve full cost recovery
		2g)	Reactive Silica	\$34.58	\$33.90	y	\$38.31	10.8%	To achieve full cost recovery
510250	45519	3	Ion Chromatography (IC Scan)	\$56.95	\$50.40	y	\$56.95	0.0%	Current fee achieves full cost recovery
510250	45519	4	PC Titrate						
		4a)	pH	\$18.65	\$17.70	y	\$20.00	7.3%	To achieve full cost recovery
		4b)	Alkalinity	\$18.87	\$18.10	y	\$20.45	8.4%	To achieve full cost recovery
		4c)	Conductivity	\$18.53	\$17.60	y	\$19.89	7.3%	To achieve full cost recovery
		4d)	Fluoride	\$28.02	\$25.50	y	\$28.82	2.8%	To achieve full cost recovery
		5	Turbidity	\$30.28	\$29.00	y	\$32.77	8.2%	To achieve full cost recovery
		6	UV Transmittance	\$28.59	\$27.90	y	\$31.53	10.3%	To achieve full cost recovery
		7	Color Apparent	\$25.88	\$25.40	y	\$28.70	10.9%	To achieves full cost recovery
		8	Color True	\$25.88	\$23.70	y	\$26.78	3.5%	To achieve full cost recovery
		9	O Phosphate	\$32.09	\$31.80	y	\$35.93	12.0%	To achieve full cost recovery
		10	Dissolved O Phosphate	n/a	\$33.60	y	\$37.97	0.0%	New fee at full cost recovery
		11	Chemical Oxygen Demand (COD)	\$42.83	\$38.90	y	\$43.96	2.6%	To achieve full cost recovery
		12	Biochemical Oxygen Demand (BOD)	\$42.60	\$37.70	y	\$42.60	0.0%	Current fee achieves full cost recovery
Microbiology Tests:									
510250	45519	13	Total Coliform/E coli - Presence/Absence	\$30.28	\$28.80	y	\$32.54	7.5%	To achieve full cost recovery
510250	45519	14	Total Coliform/E coli - MPN	\$33.00	\$31.20	y	\$35.26	6.8%	To achieve full cost recovery
510250	45519	15	EC - MPN	\$33.00	\$31.20	y	\$35.26	6.8%	To achieve full cost recovery
510250	45519	16	Heterotrophic Plate Count	\$30.96	\$29.70	y	\$33.56	8.4%	To achieve full cost recovery
510250	45519	17	Micro Examination	\$165.55	\$161.40	y	\$182.38	10.2%	To achieve full cost recovery
510250	45519	18	Microcystin	\$581.95	\$551.00	y	\$622.63	7.0%	To achieve full cost recovery
Metals:									
510250	45519	18	ICP OES						
		18a)	ICP OES Scan (Wastewater)	\$69.04	\$72.30	y	\$81.70	18.3%	To achieve full cost recovery
		18b)	Total Phosphorous	\$31.30	\$28.60	y	\$32.32	3.2%	To achieve full cost recovery
		18c)	Total Dissolved Phosphorous	\$31.30	\$28.60	y	\$32.32	3.2%	To achieve full cost recovery
510250	45519	19	ICP MS						
		19a)	ICP MS Scan	\$69.04	\$72.30	y	\$81.70	18.3%	To achieve full cost recovery
510250	45519	20	AA						
		20a)	Mercury	\$51.64	\$50.90	y	\$57.52	11.4%	To achieve full cost recovery
510250	45519	21	Organics						
		21a)	Caffeine	\$149.50	\$146.70	y	\$165.77	10.9%	To achieve full cost recovery
510250	45519	22	Additional Fees						
		22a)	Weekend surcharge	\$113.00	\$100.00	y	\$113.00	0.0%	Current fee achieves full cost recovery

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2023 PROPOSED USER FEES AND CHARGES

**PUBLIC WORKS
HAMILTON WATER**

Dept. By-Law #	Dept ID	Account #	Ref #	Service Offered	2022 including HST (if applicable)	2023 Proposed Fee	HST (y/n)	2023 including HST (if applicable)	% Fee Change	Basis for Fee Increase or Decrease
14-090	516175	47232	1	ENVIRONMENTAL MONITORING & ENFORCEMENT To Regulate the Discharge of any Matter into the Sanitary, Combined, and Storm Sewer Systems. Annual Permit to Discharge Hauled Sewage Note: Cost for administration and processing of annual permits required to haul sewage within Hamilton	\$335.00	\$347.40	n	\$347.40	3.7%	To achieve full cost recovery
			2	Discharge fees for Hauled Sewage generated: Inside the City - Compliant Note: Cost per truck full of sewage containing materials within Sewer Use By-law limit						
14-090	516175	41314	2a)	up to 1000 imperial gallons (4.54 m3) or any part thereof	\$52.18	\$54.11	n	\$54.11	3.7%	To achieve full cost recovery
14-090	516175	41314	2b)	greater than 1000 (4.54 m3) but less than or equal to 3500 Imperial gallons (15.9m ³)	\$52.18	\$54.11	n	\$54.11	3.7%	To achieve full cost recovery
14-090	516175	41314	2c)	greater than 3500 (15.9 m3) but less than or equal to 5000 Imperial gallons (22.7 m ³)	\$104.35	\$108.21	n	\$108.21	3.7%	To achieve full cost recovery
14-090	516175	41314	2d)	greater than 5000 (22.7 m3) but less than or equal to 8000 Imperial gallons (36.3 m ³)	\$156.53	\$162.32	n	\$162.32	3.7%	To achieve full cost recovery
14-090	516175	41314	2e)	greater than 8000 (36.3 m3) but less than or equal to 10000 Imperial gallons (45.43 m ³)	\$208.70	\$216.42	n	\$216.42	3.7%	To achieve full cost recovery
			3	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						
14-090	516175	41314	3a)	up to 1000 imperial gallons (4.54 m3) or any part thereof	\$52.18	\$54.11	n	\$54.11	3.7%	To achieve full cost recovery
14-090	516175	41314	3b)	greater than 1000 (4.54 m3) but less than or equal to 3500 Imperial gallons (15.9m ³)	\$104.35	\$108.21	n	\$108.21	3.7%	To achieve full cost recovery
14-090	516175	41314	3c)	greater than 3500 (15.9 m3) but less than or equal to 5000 Imperial gallons (22.7 m ³)	\$156.53	\$162.32	n	\$162.32	3.7%	To achieve full cost recovery
14-090	516175	41314	3d)	greater than 5000 (22.7 m3) but less than or equal to 8000 Imperial gallons (36.3 m ³)	\$260.88	\$270.53	n	\$270.53	3.7%	To achieve full cost recovery
14-090	516175	41314	3e)	greater than 8000 (36.3 m3) but less than or equal to 10000 Imperial gallons (45.43 m ³)	\$313.06	\$324.64	n	\$324.64	3.7%	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	\$8.50	\$8.50	n	\$8.50	0.0%	Current fee achieves full cost recovery
			5	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	5a)	Biochemical Oxygen Demand (charge per kg)	\$0.81	\$0.83	n	\$0.83	2.5%	To achieve full cost recovery
14-090	516080	41315	5b)	Total suspended solids (charge per kg)	\$0.66	\$0.67	n	\$0.67	1.5%	To achieve full cost recovery
14-090	516080	41315	5c)	Oil & grease (animal/vegetable) (charge per kg)	\$0.46	\$0.47	n	\$0.47	2.2%	To achieve full cost recovery
14-090	516080	41315	5d)	Total Kjeldahl Nitrogen (charge per kg)	\$1.04	\$1.06	n	\$1.06	1.9%	To achieve full cost recovery
14-090	516080	41315	5e)	Total Phosphorus (charge per kg)	\$2.20	\$2.24	n	\$2.24	1.8%	To achieve full cost recovery
14-090	516080	41317	6	Surcharge Discharge Fee (charge per m3)	\$1.89	\$1.96	n	\$1.96	3.7%	Equal to variable wastewater rate increase

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2023 PROPOSED USER FEES AND CHARGES

PUBLIC WORKS
HAMILTON WATER

Dept. By-Law #	Dept. ID	Account #	Ref #	Service Offered	2022 including HST (if applicable)	2023 Proposed Fee	HST (y/n)	2023 including HST (if applicable)	% Fee Change	Basis for Fee Increase or Decrease
			7	Application Fees for Sewer Discharge Permits NOTE: Fee to be paid upon application for Sewer Discharge Permit						
14-090	510260	45519	7a)	Application Fee	\$777.44	\$713.46	y	\$806.21	3.7%	To achieve full cost recovery
14-090	510260	45519	7b)	Wastewater Characterization deposit (optional)	\$500.00	\$500.00	n	\$500.00	0.0%	Current fee achieves full cost recovery
14-090	510260	45519	7c)	Amendment Fee (all permit types)	\$360.99	\$331.28	y	\$374.35	3.7%	To achieve full cost recovery
			8	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)						
14-090	510260	45532	8a)	Overstrength Discharge Permit (charged quarterly)	\$435.00	\$451.10	n	\$451.10	3.7%	To achieve full cost recovery
14-090	510260	45532	8b)	Sanitary Discharge Permit (charged quarterly)	\$435.00	\$451.10	n	\$451.10	3.7%	To achieve full cost recovery
14-090	510260	45532	8c)	Chloride Discharge Permit (charged quarterly)	\$435.00	\$451.10	n	\$451.10	3.7%	To achieve full cost recovery
14-090	510260	45532	8d)	Compliance Discharge Permit (charged quarterly)	\$1,077.00	\$1,116.85	n	\$1,116.85	3.7%	To achieve full cost recovery
14-090	510260	45532	8e)	Conditional Discharge Permit (charged quarterly)	\$1,077.00	\$1,116.85	n	\$1,116.85	3.7%	To achieve full cost recovery
14-090	510260	45532	8f)	Construction Dewatering Discharge Permit (charged quarterly)	\$435.00	\$451.10	n	\$451.10	3.7%	To achieve full cost recovery
14-090	510260	45519	9	Information Requests Note: Fee per property for records search related to Sewer Use By-law historical violations	\$221.17	\$202.97	y	\$229.36	3.7%	To achieve full cost recovery
14-090	510260	45532	10	Wastewater Sampling (optional) Note: Per unit costs to conduct wastewater sampling to determine permit conditions and limits						
			10a)	Wastewater Sampling Vehicle Fee (per kilometer)	\$1.41	\$1.30	y	\$1.46	3.7%	To achieve full cost recovery
			10b)	Wastewater Sampling Equipment Fee (per day)	\$45.73	\$41.97	y	\$47.42	3.7%	To achieve full cost recovery
			10c)	Wastewater Sampling Technician Fee (per hour) Mon - Fr	\$58.14	\$53.35	y	\$60.29	3.7%	To achieve full cost recovery
			10d)	Wastewater Sampling Technician Fee (per hour) Sa	\$87.20	\$80.03	y	\$90.43	3.7%	To achieve full cost recovery
			10e)	Wastewater Sampling Technician Fee (per hour) Sur	\$116.28	\$106.71	y	\$120.58	3.7%	To achieve full cost recovery

*multiple permit holders pay the higher administrative fee (for example, if the permit holder has both an Overstrength Discharge Permit and a Compliance Program Permit, they will pay \$1,116.85 per quarter).

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PUBLIC WORKS
HAMILTON WATER

Dept. By-Law #	Dept ID	Account #	Ref #	Service Offered	2022 including HST (if applicable)	2023 Proposed Fee	HST (y/n)	2023 including HST (if applicable)	% Fee Change	Basis for Fee Increase or Decrease
				ENVIRONMENTAL MONITORING & ENFORCEMENT Fees related to the Wastewater Abatement Program						
03-272	510260	45532	1	Application Fee (plus cost recovery for peer review if required)	\$493.81	\$453.17	y	\$512.08	3.7%	To achieve full cost recovery
03-272	510260	45532	2	Annual Administration Fee	\$920.95	\$845.16	y	\$955.03	3.7%	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 905-540-5190 or email sewerusebylaw@hamilton.ca

**2023 HAMILTON WATER, WASTEWATER AND STORM OPERATING BUDGET
COMBINED WATER, WASTEWATER AND STORM**

	2022	2022	2023	CHANGE		CHANGE	
	RESTATED BUDGET	PROJECTED ACTUAL	REQUESTED BUDGET	2022 PROJECTED ACTUAL / 2022 RESTATED BUDGET	%	2023 REQUESTED / 2022 RESTATED BUDGET	%
<u>OPERATING EXPENDITURES:</u>	\$	\$	\$	\$	%	\$	%
Divisional Administration & Support	10,837,693	10,837,693	11,498,313	-	0.0%	660,620	6.1%
Woodward Upgrades	1,764,829	1,764,829	1,953,429	-	0.0%	188,600	10.7%
Customer Service & Community Outreach	6,175,547	5,824,933	6,923,785	350,614	5.7%	748,238	12.1%
Compliance & Regulations	7,242,170	7,242,170	7,843,466	-	0.0%	601,296	8.3%
Water Distribution & Wastewater Collection	24,122,428	24,122,428	24,239,426	-	0.0%	116,998	0.5%
Plant Operations	29,909,180	32,065,142	35,866,472	(2,155,962)	(7.2%)	5,957,292	19.9%
Plant Maintenance	11,708,771	11,572,232	12,563,094	136,539	1.2%	854,323	7.3%
Capital Planning & Delivery	4,927,514	4,927,514	5,306,737	-	0.0%	379,223	7.7%
Watershed Management	1,282,313	1,282,313	1,642,718	-	0.0%	360,405	28.1%
Wastewater Abatement Program	1,142,450	1,142,450	1,142,465	-	0.0%	15	0.0%
Alectra Utilities Service Contract	5,826,240	5,826,240	6,010,198	-	0.0%	183,958	3.2%
Utilities Arrears Program	500,320	500,320	500,328	-	0.0%	8	0.0%
Sewer Lateral Management Program	300,000	300,000	325,000	-	0.0%	25,000	8.3%
Hamilton Harbour Remedial Action Plan	578,964	578,964	604,011	-	0.0%	25,047	4.3%
Protective Plumbing Program (3P)	752,870	623,928	752,938	128,942	17.1%	68	0.0%
Financial Charges	86,020	86,020	86,118	-	0.0%	98	0.1%
	107,157,309	108,697,176	117,258,498	(1,539,867)	(1.4%)	10,101,189	9.4%
Capital and Reserve Recoveries	(8,746,180)	(8,746,180)	(8,746,180)	-	0.0%	-	0.0%
Sub-Total	98,411,129	99,950,996	108,512,318	(1,539,867)	(1.6%)	10,101,189	10.3%
<u>Capital and Reserve Impacts on Operating</u>							
<u>Contributions to Capital</u>							
Water Quality Initiatives	39,539,500	38,859,500	64,300,080	680,000	1.7%	24,760,580	62.6%
Wastewater	73,784,138	74,124,138	54,231,042	(340,000)	(0.5%)	(19,553,096)	(26.5%)
Stormwater	11,765,000	12,105,000	14,822,000	(340,000)	(2.9%)	3,057,000	26.0%
Sub-Total Contributions to Capital	125,088,638	125,088,638	133,353,122	-	0.0%	8,264,484	6.6%

**2023 HAMILTON WATER, WASTEWATER AND STORM OPERATING BUDGET
COMBINED WATER, WASTEWATER AND STORM**

	2022	2022	2023	CHANGE		CHANGE	
	RESTATED BUDGET	PROJECTED ACTUAL	REQUESTED BUDGET	2022 PROJECTED ACTUAL / 2022 RESTATED BUDGET	%	2023 REQUESTED / 2022 RESTATED BUDGET	%
	\$	\$	\$	\$	%	\$	%
<u>Contributions for DC Exemptions</u>							
Water Quality Initiatives	2,520,000	2,520,000	2,520,000	-	0.0%	-	0.0%
Wastewater	4,590,000	4,590,000	4,590,000	-	0.0%	-	0.0%
Stormwater	1,890,000	1,890,000	1,890,000	-	0.0%	-	0.0%
Sub-Total Contributions for DC Exemptions	9,000,000	9,000,000	9,000,000	-	0.0%	-	0.0%
<u>Capital Debt Charges</u>							
Water Quality Initiatives	11,068,076	8,153,554	11,694,759	2,914,522	26.3%	626,684	5.7%
Wastewater	12,881,726	7,968,426	13,229,466	4,913,300	38.1%	347,740	2.7%
Stormwater	3,584,490	2,969,443	3,780,708	615,047	17.2%	196,218	5.5%
DC Debt Charges Recoveries	(5,185,120)	(523,692)	(7,123,627)	(4,661,428)	89.9%	(1,938,507)	37.4%
Sub-Total Debt Charges	22,349,172	18,567,731	21,581,306	3,781,441	16.9%	(767,865)	(3.4%)
Sub-Total Capital Financing	156,437,810	152,656,369	163,934,428	3,781,441	2.4%	7,496,619	4.8%
Reserve Transfers	3,001,970	2,823,671	-	178,299	5.9%	(3,001,970)	(100.0%)
Sub-Total Capital and Reserve Impacts on Operating	159,439,780	155,480,040	163,934,428	3,959,740	2.5%	4,494,649	2.8%
TOTAL EXPENDITURES	257,850,909	255,431,036	272,446,747	2,419,873	0.9%	14,595,838	5.7%
<u>REVENUES:</u>							
<u>Rate Revenue</u>							
Residential	113,919,774	113,919,774	121,736,239	-	0.0%	7,816,464	6.9%
Industrial/Commercial/Institutional/Multi-res	123,323,962	119,323,962	128,334,602	(4,000,000)	(3.2%)	5,010,640	4.1%
Haldimand	2,834,077	3,334,077	3,606,687	500,000	17.6%	772,610	27.3%
Halton	282,409	332,409	310,553	50,000	17.7%	28,144	10.0%
Raw Water	105,000	181,376	190,100	76,376	72.7%	85,100	81.0%
Non-Metered	825,000	825,000	1,100,000	-	0.0%	275,000	33.3%
Private Fire Lines	1,980,000	1,880,000	1,800,000	(100,000)	(5.1%)	(180,000)	(9.1%)
Hauler / 3rd Party Sales	1,820,000	2,120,000	1,892,800	300,000	16.5%	72,800	4.0%
Overstrength Agreements	3,306,825	2,524,414	3,439,098	(782,411)	(23.7%)	132,273	4.0%
Sewer Surcharge Agreements	6,511,190	8,047,351	7,005,322	1,536,161	23.6%	494,132	7.6%
Sub-Total Utility Rates	254,908,237	252,488,364	269,415,402	(2,419,873)	(0.9%)	14,507,164	5.7%

2023 HAMILTON WATER, WASTEWATER AND STORM OPERATING BUDGET
COMBINED WATER, WASTEWATER AND STORM

	2022 RESTATED BUDGET	2022 PROJECTED ACTUAL	2023 REQUESTED BUDGET	CHANGE 2022 PROJECTED ACTUAL / 2022 RESTATED BUDGET		CHANGE 2023 REQUESTED / 2022 RESTATED BUDGET	
	\$	\$	\$	\$	%	\$	%
Non-Rate Revenue							
Local Improvement Recoveries	275,850	275,850	275,850	-	0.0%	-	0.0%
Permits / Leases / Agreements	1,107,652	1,107,652	1,151,958	-	0.0%	44,306	4.0%
Investment Income	450,000	450,000	450,000	-	0.0%	-	0.0%
General Fees and Recoveries	1,109,170	1,109,170	1,153,537	-	0.0%	44,367	4.0%
Sub-Total Non-Rate Revenue	2,942,672	2,942,672	3,031,345	-	0.0%	88,673	3.0%
TOTAL REVENUES	257,850,909	255,431,036	272,446,747	(2,419,873)	(0.9%)	14,595,838	5.7%
NET EXPENDITURES	-	-	-	-	0.0%	-	0.0%

CITY OF HAMILTON
 2023 - 2026 HAMILTON WATER, WASTEWATER AND STORM OPERATING BUDGET
 COMBINED WATER, WASTEWATER AND STORM

	2022	2023	2024	2025	2026	CHANGE		CHANGE		CHANGE	
	RESTATED BUDGET	REQUESTED BUDGET	PROJECTED BUDGET	PROJECTED BUDGET	PROJECTED BUDGET	2023 REQUESTED / 2022 RESTATED BUDGET	%	2024 PROJECTED / 2023 REQUESTED BUDGET	%	2025 PROJECTED / 2024 PROJECTED BUDGET	%
	\$	\$	\$	\$	\$	\$	%	\$	%	\$	%
OPERATING EXPENDITURES:											
Divisional Administration & Support	10,837,693	11,498,313	11,958,246	12,436,576	12,934,039	660,620	6.1%	459,933	4.0%	478,330	4.0%
Woodward Upgrades	1,764,829	1,953,429	2,031,566	2,112,828	2,197,342	188,600	10.7%	78,137	4.0%	81,263	4.0%
Customer Service & Community Outreach	6,175,547	6,923,785	7,217,828	7,506,541	7,806,803	748,238	12.1%	294,043	4.2%	288,713	4.0%
Compliance & Regulations	7,242,170	7,843,466	8,210,923	8,539,360	8,880,934	601,296	8.3%	367,457	4.7%	328,437	4.0%
Water Distribution & Wastewater Collection	24,122,428	24,239,426	25,287,726	26,299,235	27,351,205	116,998	0.5%	1,048,301	4.3%	1,011,509	4.0%
Plant Operations	29,909,180	35,866,472	37,328,784	38,821,935	40,374,812	5,957,292	19.9%	1,462,312	4.1%	1,493,151	4.0%
Plant Maintenance	11,708,771	12,563,094	13,065,618	13,588,243	14,131,773	854,323	7.3%	502,524	4.0%	522,625	4.0%
Capital Planning & Delivery	4,927,514	5,306,737	5,519,007	5,739,767	5,969,358	379,223	7.7%	212,269	4.0%	220,760	4.0%
Watershed Management	1,282,313	1,642,718	1,744,007	1,813,767	1,886,318	360,405	28.1%	101,288	6.2%	69,760	4.0%
Wastewater Abatement Program	1,142,450	1,142,465	1,188,163	1,235,690	1,285,117	15	0.0%	45,699	4.0%	47,527	4.0%
Alectra Utilities Service Contract	5,826,240	6,010,198	6,250,606	6,500,630	6,760,655	183,958	3.2%	240,408	4.0%	250,024	4.0%
Utilities Arrears Program	500,320	500,328	520,341	541,155	562,801	8	0.0%	20,013	4.0%	20,814	4.0%
Sewer Lateral Management Program	300,000	325,000	338,000	351,520	365,581	25,000	8.3%	13,000	4.0%	13,520	4.0%
Hamilton Harbour Remedial Action Plan	578,964	604,011	628,172	653,299	679,430	25,047	4.3%	24,160	4.0%	25,127	4.0%
Protective Plumbing Program (3P)	752,870	752,938	783,055	814,377	846,952	68	0.0%	30,118	4.0%	31,322	4.0%
Financial Charges	86,020	86,118	89,563	93,146	96,872	98	0.1%	3,445	4.0%	3,583	4.0%
	107,157,309	117,258,498	122,161,605	127,048,069	132,129,992	10,101,189	9.4%	4,903,107	4.2%	4,886,464	4.0%
Capital and Reserve Recoveries	(8,746,180)	(8,746,180)	(9,096,027)	(9,459,868)	(9,838,263)	-	0.0%	(349,847)	4.0%	(363,841)	4.0%
Stormwater	3,584,490	3,780,708	7,020,070	10,341,583	11,718,636	196,218	5.5%	3,239,362	85.7%	3,321,514	47.3%
DC Debt Charges Recoveries	(5,185,120)	(7,123,627)	(22,010,011)	(34,528,940)	(46,660,543)	(1,938,507)	37.4%	(14,886,384)	209.0%	(12,518,929)	56.9%
Reserve Transfers	3,001,970	-	-	-	-	(3,001,970)	(100.0%)	-	0.0%	-	0.0%
Sub-Total Capital and Reserve Impacts on Operating	159,439,780	163,934,428	185,580,949	210,565,584	238,371,055	4,494,649	2.8%	21,646,521	13.2%	24,984,635	13.5%
TOTAL EXPENDITURES	257,850,909	272,446,747	298,646,527	328,153,785	360,662,784	14,595,838	5.7%	26,199,780	9.6%	29,507,258	9.9%
REVENUES:											
Rate Revenue											
Residential	113,919,774	121,736,239	134,768,141	149,015,458	164,892,896	7,816,464	6.9%	13,031,902	10.7%	14,247,317	10.6%
Industrial/Commercial/Institutional/Multi-res	123,323,962	128,334,602	140,468,199	154,575,013	169,997,147	5,010,640	4.1%	12,133,598	9.5%	14,106,814	10.0%
Haldimand	2,834,077	3,606,687	3,914,375	4,308,520	4,726,449	772,610	27.3%	307,687	8.5%	394,145	10.1%
Halton	282,409	310,553	338,834	371,900	408,787	28,144	10.0%	28,281	9.1%	33,066	9.8%
Raw Water	105,000	190,100	197,704	205,612	213,837	85,100	81.0%	7,604	4.0%	7,908	4.0%
Non-Metered	825,000	1,100,000	1,133,000	1,166,990	1,202,000	275,000	33.3%	33,000	3.0%	33,990	3.0%
Private Fire Lines	1,980,000	1,800,000	1,872,000	1,946,880	2,024,755	(180,000)	(9.1%)	72,000	4.0%	74,880	4.0%
Hauler / 3rd Party Sales	1,820,000	1,892,800	1,968,512	2,047,252	2,129,143	72,800	4.0%	75,712	4.0%	78,740	4.0%
Overstrength Agreements	3,306,825	3,439,098	3,576,662	3,719,729	3,868,518	132,273	4.0%	137,564	4.0%	143,066	4.0%
Sewer Surcharge Agreements	6,511,190	7,005,322	7,285,535	7,576,957	7,880,035	494,132	7.6%	280,213	4.0%	291,421	4.0%
Sub-Total Utility Rates	254,908,237	269,415,402	295,522,962	324,934,311	357,343,566	14,507,164	5.7%	26,107,560	9.7%	29,411,349	10.0%
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	1,107,652	1,151,958	1,198,036	1,245,958	1,295,796	44,306	4.0%	46,078	4.0%	47,921	4.0%
Investment Income	450,000	450,000	450,000	450,000	450,000	-	0.0%	-	0.0%	-	0.0%
General Fees and Recoveries	1,109,170	1,153,537	1,199,679	1,247,686	1,297,572	44,367	4.0%	46,141	4.0%	47,987	4.0%
Sub-Total Non-Rate Revenue	2,942,672	3,031,345	3,123,565	3,219,474	3,319,219	88,673	3.0%	92,220	3.0%	95,909	3.1%
TOTAL REVENUES	257,850,909	272,446,747	298,646,527	328,153,785	360,662,784	14,595,838	5.7%	26,199,780	9.6%	29,507,258	9.9%
NET EXPENDITURES	-	-	-	-	-	-	0.0%	-	0.0%	-	0.0%

CITY OF HAMILTON
2023-2032 HAMILTON WATER, WASTEWATER & STORM OPERATING BUDGET
COMBINED WATER, WASTEWATER AND STORM
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	2022 Restated	2023 Requested	2024 Forecast	2025 Forecast	2026 Forecast	2027 Forecast	2028 Forecast	2029 Forecast	2030 Forecast	2031 Forecast	2032 Forecast
OPERATING EXPENDITURES											
OPERATING COSTS	98,411	108,512	113,066	117,588	122,292	127,183	132,068	137,522	142,426	147,912	153,613
TOTAL OPERATING COSTS	98,411	108,512	113,066	117,588	122,292	127,183	132,068	137,522	142,426	147,912	153,613
CAPITAL & RESERVE IMPACTS ON OPERATING											
Contributions to Capital											
Water	39,540	64,300	121,988	101,188	90,681	119,216	126,020	118,597	102,485	89,211	92,346
Wastewater	73,784	54,231	3,442	35,614	69,663	46,792	65,886	71,411	102,445	94,281	89,156
Stormwater	11,765	14,822	19,464	20,796	17,339	40,197	49,061	45,615	29,685	32,453	31,695
Sub-total Contributions to Capital	125,089	133,353	144,894	157,599	177,683	206,204	240,967	235,624	234,615	215,945	213,197
Contributions for DC Exemptions											
Water	2,520	2,520	2,520	2,520	2,520	2,520	2,520	2,520	2,520	2,520	2,520
Wastewater	4,590	4,590	4,590	4,590	4,590	4,590	4,590	4,590	4,590	4,590	4,590
Stormwater	1,890	1,890	1,890	1,890	1,890	1,890	1,890	1,890	1,890	1,890	1,890
Sub-total Contributions to Capital	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000
Debt Charges											
Water	11,068	11,695	18,585	24,224	29,526	32,823	34,857	37,782	37,649	37,573	35,935
Wastewater	12,882	13,229	28,091	43,931	57,104	68,029	75,523	83,239	85,534	85,474	82,923
Stormwater	3,584	3,781	7,020	10,342	11,719	12,508	13,032	13,219	13,129	13,069	12,554
DC Debt Charges Recoveries	(5,185)	(7,124)	(22,010)	(34,529)	(46,661)	(59,528)	(69,706)	(79,746)	(84,594)	(84,620)	(84,611)
Sub-total Debt Charges	22,349	21,581	31,687	43,967	51,688	53,832	53,707	54,494	51,718	51,495	46,802
Reserve Transfers	3,002	-	-	-	-	-	-	42,230	88,707	154,357	214,849
Sub-Total Capital & Reserve Impacts on Operating	159,440	163,934	185,581	210,566	238,371	269,037	303,674	341,348	384,040	430,797	483,848
TOTAL EXPENDITURES	257,851	272,447	298,647	328,154	360,663	396,220	435,742	478,869	526,467	578,709	637,461
REVENUES											
Residential	113,920	121,736	134,768	149,015	164,893	182,514	202,038	223,296	247,135	273,354	302,222
Industrial/Commercial/Institutional/Multi-res	123,324	128,335	140,468	154,575	169,997	186,670	205,249	225,693	247,947	272,315	300,386
Haldimand	2,834	3,607	3,914	4,309	4,726	5,167	5,723	6,255	6,828	7,508	8,300
Halton	282	311	339	372	409	447	494	540	591	650	719
Raw Water	105	190	198	206	214	222	231	241	250	260	271
Non-Metered	825	1,100	1,133	1,167	1,202	1,238	1,275	1,313	1,353	1,393	1,435
Private Fire Lines	1,980	1,800	1,872	1,947	2,025	2,106	2,190	2,278	2,369	2,463	2,562
Hauler / 3rd Party Sales	1,820	1,893	1,969	2,047	2,129	2,214	2,303	2,395	2,491	2,590	2,694
Overstrength Agreements	3,307	3,439	3,577	3,720	3,869	4,023	4,184	4,352	4,526	4,707	4,895
Sewer Surcharge Agreements	6,511	7,005	7,286	7,577	7,880	8,195	8,523	8,864	9,219	9,587	9,971
Non-Rate Revenue	2,943	3,031	3,124	3,219	3,319	3,423	3,531	3,643	3,760	3,881	4,007
TOTAL REVENUES	257,851	272,447	298,647	328,154	360,663	396,220	435,742	478,869	526,467	578,709	637,461
NET EXPENDITURES	-	-	-	-	-	-	-	-	-	-	-
Rate Increase	4.98%	6.49%	10.04%	9.95%	10.04%	10.06%	10.07%	9.92%	10.06%	9.99%	9.99%
RESIDENTIAL BILL (200m³ p.a.)	\$ 823.85	\$ 877.30	\$ 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

City of Hamilton Appendix "C" to Item 3(n) of GIC Report 22-021 Page 1 of 3

Water System
2023 Capital Budget Project List
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Project Type	Project ID	Project Title	Gross Costs	Grants and Subsidies	Other External Revenue	Development Charge	Reserves	WIP	Net Cost	Financing Sources	
										From Operating	External Debt
Coordinated - Network Extension	5142180183	Binbrook - Royal Winter/Binhaven to Fletcher	200,000	-	-	200,000	-	-	-	-	-
	5142380320	RHBP - Twenty Rd Extension - Glover to Trinity Church	565,000	-	-	565,000	-	-	-	-	-
Coordinated - Network Extension Total			765,000	-	-	765,000	-	-	-	-	-
Coordinated - Other	5142399999	Rates Projects Included in Tax Budget - NOT TO BE SET UP IN PEOPLESOFT	3,770,000	-	-	-	-	-	3,770,000	3,770,000	-
Coordinated - Other Total			3,770,000	-	-	-	-	-	3,770,000	3,770,000	-
Coordinated - Replacement	5142171311	Highway 8 - Bond to Woodleys Lane	930,000	-	-	-	-	900,000	30,000	30,000	-
	5142271325	CCBF - Corktown Neighbourhood	300,000	-	-	-	-	-	300,000	300,000	-
	5142371113	CCBF - East - Hunter to York	500,000	-	-	-	-	-	500,000	500,000	-
	5142371309	Wilson - Victoria to Sherman	5,000,000	-	-	-	-	-	5,000,000	-	5,000,000
	5142371311	CCBF - Morden - Locke To Pearl	210,000	-	-	-	-	-	210,000	210,000	-
	5142371315	Jones - Dundurn to West End	400,000	-	-	-	-	-	400,000	400,000	-
	5142371341	CCBF - Sherman Resurfacing & TWO-WAY Conversion - Wilson to Burlington	1,100,000	-	-	-	-	-	1,100,000	1,100,000	-
Coordinated - Replacement Total			8,440,000	-	-	-	-	900,000	7,540,000	2,540,000	5,000,000
Coordinated - Upgrade	5141971313	Sherman - King to south end (LRT Enabling)	1,115,000	910,000	-	-	-	-	205,000	205,000	-
	5141971314	Wentworth - Wilson to King (LRT Enabling)	1,310,000	1,310,000	-	-	-	-	-	-	-
	5142363277	Hwy 5 and 6 MTO Interchange Strategic Upsizing of Existing Watermains	370,000	-	-	-	-	-	370,000	370,000	-
Coordinated - Upgrade Total			2,795,000	2,220,000	-	-	-	-	575,000	575,000	-
Coordinated Replacement (50/50)	5141970012	Sheaffe / Park / Mulberry (Central Neighbourhood (North)) - Coordinated Road Restoration	120,000	-	-	-	-	-	120,000	120,000	-
	5142370000	Rates Share of Road Reconstruction - NOT TO BE SET UP IN PEOPLESOFT	2,480,000	-	-	-	-	-	2,480,000	2,480,000	-
Coordinated Replacement (50/50) Total			2,600,000	-	-	-	-	-	2,600,000	2,600,000	-
Enhancement	5142166608	Lynden Water System - Phase 2 Treatment	160,000	-	-	-	-	-	160,000	160,000	-
	5142357545	Water - Computer Model	310,000	-	-	-	-	-	310,000	310,000	-
	5142361503	Advanced Metering Infrastructure (AMI) / Automated Meter Reading (AMR) Implementation - CASH FLOW	3,500,000	-	-	-	3,000,000	-	500,000	500,000	-
	5142363276	PD 13 Ancaster Heights Servicing Strategy	310,000	-	-	-	-	-	310,000	310,000	-
	5142363278	Pressure District 5 Service Level Enhancement	480,000	-	-	-	-	-	480,000	480,000	-
Enhancement Total			4,760,000	-	-	-	3,000,000	-	1,760,000	1,760,000	-
Expansion / Extension	5141667423	Freelton Well (FDF01) Capacity Increase	550,000	-	-	-	-	-	550,000	550,000	-
	5141796752	PD16 (Waterdown) Trunk Feedermain - PS HD016 to Hwy 5 at Algonquin (W-25) (CASH FLOWED)	1,200,000	-	-	900,000	-	-	300,000	300,000	-
	5142260280	Upper Centennial Watermain Extension	250,000	-	-	-	-	-	250,000	250,000	-
	5142320499	City Initiated Subsurface Priorities Coordinated or Integrated with LRT	1,020,000	-	-	510,000	-	-	510,000	510,000	-
	5142355355	Municipal Easement Identification and Mapping	500,000	-	-	-	-	-	500,000	500,000	-
	5142396011	Intensification Infrastructure Upgrades Program - Water	400,000	-	-	200,000	-	-	200,000	200,000	-
	5142396851	Locke St Trunk Watermain - York - Locke to Cannon @ Caroline (W-19)	2,530,000	-	-	2,530,000	-	-	-	-	-
Expansion / Extension Total			6,450,000	-	-	4,140,000	-	-	2,310,000	2,310,000	-
Feasibility Plans / EA's/ Studies	5142096520	Garner Road Trunk Watermain - Southcote to Wilson (W-09)	11,716,000	-	-	11,716,000	-	-	-	-	-
	5142257800	Water Facility Asset Management Implementation Plan	280,000	-	-	-	-	-	280,000	280,000	-
	5142267510	Water System Studies & Continual Improvement Initiatives	200,000	-	-	-	-	-	200,000	200,000	-
	5142355010	Water Systems Planning Program	650,000	-	-	-	-	-	650,000	650,000	-
	5142355022	Engineering Consultant Watermain Projects	400,000	-	-	-	-	-	400,000	400,000	-
	5142355247	Alterations to the Drinking Water System	170,000	-	-	-	-	-	170,000	170,000	-
	5142355340	Water Distribution Studies	400,000	-	-	-	-	-	400,000	400,000	-
	5142355556	Mapping Update Program	20,000	-	-	-	-	-	20,000	20,000	-
	5142355713	Pressure Districts and Drinking Water System Optimization	460,000	-	-	-	-	-	460,000	460,000	-
	5142366711	Water Treatment Studies Program	300,000	-	-	-	-	-	300,000	300,000	-

City of Hamilton
Water System
2023 Capital Budget Project List
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Project Type	Project ID	Project Title	Gross Costs	Grants and Subsidies	Other External Revenue	Development Charge	Reserves	WIP	Net Cost	Financing Sources	
										From Operating	External Debt
	5142367752	Water Outstations Inspections - Asset Management	870,000	-	-	-	-	-	870,000	870,000	-
Feasibility Plans / EA's/ Studies Total			15,466,000			11,716,000			3,750,000	3,750,000	
Licenses	5142362073	Field Data Systems Program	110,000	-	-	-	-	-	110,000	110,000	-
Licenses Total			110,000						110,000	110,000	
Network Extension	5141880886	Pritchard Rd - Connect Watermain from #355 to #601	475,000	-	-	-	-	-	475,000	475,000	-
	5142380381	Fletcher Road Watermain - Binbrook Road to Windwood Drive Extension	632,000	-	-	632,000	-	-	-	-	-
Network Extension Total			1,107,000			632,000			475,000	475,000	
New	5141495551	PD7 (Upper Stoney Creek/Glanbrook) Elevated Reservoir (W-23)	5,550,000	-	-	5,550,000	-	-	-	-	-
	5141767650	New Greenville Communal Well	150,000	-	-	-	-	-	150,000	150,000	-
	5142361502	Water Meter - Installation/Replacement/Repair - General Maintenance	3,700,000	-	-	-	-	-	3,700,000	3,700,000	-
	5142363275	Security of Supply for PD 18 Suction Side Watermain Twinning	220,000	-	-	-	-	-	220,000	220,000	-
	5142441226	New Water and Wastewater Operations Facilities (CASH FLOWED)	437,500	-	-	-	-	-	437,500	437,500	-
New Total			10,057,500			5,550,000			4,507,500	4,507,500	
Rehabilitation / Renovation	5141166110	Water Treatment Plant - Process Upgrades (CASH FLOWED)	350,000	-	-	350,000	-	-	-	-	-
	5141567520	Stone Church/Garth Water (HDR05) Reservoir	125,000	-	-	-	-	-	125,000	125,000	-
	5141567575	High Lift Pumping Station (HLPs) Improvements - Phase 2 (CASH FLOWED)	2,000,000	-	-	-	-	-	2,000,000	-	2,000,000
	5141695883	PS HD016 (York and Valley) Capacity Upgrade, Standby Power & Building Expansion (W-26) (CASH FLOWED)	935,000	-	-	841,500	-	-	93,500	93,500	-
	5141760754	Kenilworth Transmission Watermain Renewal	500,000	-	-	-	-	500,000	-	-	-
	5141761777	Beach Trunkmain Rehab	5,500,000	-	-	-	-	5,150,000	350,000	350,000	-
	5141795850	Greenhill PS HD04B & HD05A Upgrades (W-28) (CASH FLOWED)	3,320,000	-	-	2,490,000	-	-	830,000	830,000	-
	5141867651	HD007 Highland Rd Reservoir Upgrades	1,400,000	-	-	-	-	-	1,400,000	400,000	1,000,000
	5142160072	Watermain Structural Lining	500,000	-	-	-	-	-	500,000	500,000	-
	5142166110	Water Treatment Plant - Phase 2 Process Upgrades (CASH FLOWED)	1,788,080	-	-	1,669,000	-	-	119,080	119,080	-
	5142167421	HDR11 Woodley Lane Reservoir Upgrades	700,000	-	-	-	-	-	700,000	700,000	-
	5142266320	Woodward Water Treatment Plant - Low Lift Pumping Station Intake Repairs	750,000	-	-	-	-	-	750,000	750,000	-
	5142311101	Road Cut Restoration Program	5,400,000	-	-	-	-	2,250,000	3,150,000	3,150,000	-
	5142357626	Critical Watermain Inspection Program	600,000	-	-	-	-	-	600,000	600,000	-
	5142360072	Watermain Structural Lining	6,200,000	-	-	-	-	-	6,200,000	6,200,000	-
	5142360330	Water Distribution Capital Repairs, Replacement and New Installation Parts	1,200,000	-	-	-	-	-	1,200,000	1,200,000	-
	5142361741	Resetting or Adjusting of Water Utility Structures	250,000	-	-	-	-	-	250,000	250,000	-
	5142366712	Water Maintenance - Rebuild, Replacement and New Capital	100,000	-	-	-	-	-	100,000	100,000	-
	5142366713	Water Maintenance Capital Program	3,000,000	-	-	-	-	-	3,000,000	3,000,000	-
	5142367187	Bulk Water Stations Upgrades	200,000	-	-	-	-	-	200,000	200,000	-
Rehabilitation / Renovation Total			34,818,080			5,350,500		7,900,000	21,567,580	18,567,580	3,000,000
Replacement	5141595553	PS HD12A (Governors @ Huntingwood) Rebuild with Capacity Upgrade & Standby Power Installation (W-04)	3,000,000	-	-	2,250,000	-	-	750,000	750,000	-
	5142066310	WTP Pre-Treatment Isolation Valves	300,000	-	-	-	-	-	300,000	300,000	-
	5142201967	New Water WW Billing Services	5,000,000	-	-	-	-	-	5,000,000	5,000,000	-
	5142349555	QA-QC Service Contract Program	150,000	-	-	-	-	-	150,000	150,000	-
	5142360080	Valve Replacement Program	4,320,000	-	-	-	-	-	4,320,000	4,320,000	-
	5142360577	Metallic Watermain Condition Assessment Program	630,000	-	-	-	-	-	630,000	630,000	-
	5142360750	Unscheduled Valve, Hydrant, Watermain & Misc Water Replace Program	3,250,000	-	-	-	-	-	3,250,000	3,250,000	-
	5142362078	Substandard Water Service Replacement Program	2,500,000	-	-	-	-	-	2,500,000	2,500,000	-
	5142366111	Woodward WTP - IT Infrastructure Upgrade	250,000	-	-	-	-	-	250,000	250,000	-
	5142366151	SCADA Maintenance Program	275,000	-	-	-	-	-	275,000	275,000	-

City of Hamilton Appendix "C" to Item 3(n) of GIC Report 22-021 Page 3 of 3
 Water System
 2023 Capital Budget Project List
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Project Type	Project ID	Project Title	Gross Costs	Grants and Subsidies	Other External Revenue	Development Charge	Reserves	WIP	Net Cost	Financing Sources	
										From Operating	External Debt
	5142371074	Contingency for Unscheduled Works Program	100,000	-	-	-	-	-	100,000	100,000	-
Replacement Total			19,775,000	-	-	2,250,000	-	-	17,525,000	17,525,000	-
Safety/ Security	5142266871	Hamilton Water Capital Security Plan	1,060,000	-	-	-	-	-	1,060,000	1,060,000	-
Safety/ Security Total			1,060,000	-	-	-	-	-	1,060,000	1,060,000	-
Staffing Costs	5142301099	Engineering Services Staffing Costs - Water	4,750,000	-	-	-	-	-	4,750,000	4,750,000	-
Staffing Costs Total			4,750,000	-	-	-	-	-	4,750,000	4,750,000	-
Grand Total			116,723,580	2,220,000	-	30,403,500	3,000,000	8,800,000	72,300,080	64,300,080	8,000,000

City of Hamilton
Wastewater System
2023 Capital Budget Project List
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Appendix "D" to Item 3(n) of GIC Report 22-021 Page 1 of 2

Project Type	Project ID	Project Title	Gross Costs	Grants and Subsidies	Other External Revenue	Development Charge	Reserves	WIP	Net Cost	Financing Sources	
										From Operating	External Debt
Coordinated - Network Extension	5162180584	RHBP - Nebo - Rymal to Twenty	250,000	-	-	250,000	-	-	-	-	-
Coordinated - Network Extension Total			250,000	-	-	250,000	-	-	-	-	-
Coordinated - Rehabilitation	5162371089	Bridge 089 - Creighton Rd, 30 m s/o Mill St	150,000	-	-	-	-	-	150,000	150,000	-
Coordinated - Rehabilitation Total			150,000	-	-	-	-	-	150,000	150,000	-
Coordinated - Replacement	5162171025	Dewitt - Highway 8 to Barton	540,000	-	-	270,000	-	119,000	151,000	151,000	-
	5162271021	Westdale South Neighbourhood (Central)	50,000	-	-	-	-	-	50,000	50,000	-
	5162271214	Fairfield - Barton to Britannia	60,000	-	-	-	-	-	60,000	60,000	-
	5162371015	Sewer Lateral Replacement for Co-ordinated Projects	500,000	-	-	-	-	-	500,000	500,000	-
	5162371309	Wilson - Victoria to Sherman	400,000	-	-	-	-	400,000	-	-	-
	5162371310	Wilson - Wentworth to Sherman	575,000	-	-	-	-	360,000	215,000	215,000	-
	5162371311	CCBF - Morden - Locke To Pearl	90,000	-	-	-	-	-	90,000	90,000	-
	5162371315	Jones - Dundurn to West End	300,000	-	-	-	-	-	300,000	300,000	-
Coordinated - Replacement Total			2,515,000	-	-	270,000	-	879,000	1,366,000	1,366,000	-
Enhancement	5162241350	Pilot solar power installation at a Class B Hamilton Water facility	600,000	-	-	-	-	-	600,000	600,000	-
	5162268757	Lower Chedoke Combined EA Study	1,650,000	-	-	-	1,650,000	-	-	-	-
	5162268767	Chedoke Watershed Stormwater Retrofit EA Study	1,100,000	-	-	-	1,100,000	-	-	-	-
	5162360303	Rosemary/Wentworth Regulator Gate (HCG03)	100,000	-	-	-	-	-	100,000	100,000	-
	5162367117	HCG14 Wellington Street North Burlington Street East Regulator Upgrade	830,000	-	-	-	-	-	830,000	830,000	-
	5162367421	CSO Facilities Rehabilitation Project	4,000,000	-	-	-	-	2,500,000	1,500,000	1,500,000	-
Enhancement Total			8,280,000	-	-	-	2,750,000	2,500,000	3,030,000	3,030,000	-
Expansion / Extension	5161966102	Woodward WWTP - Expansion (CASH FLOWED)	10,558,000	-	-	10,558,000	-	-	-	-	-
	5162396011	Intensification Infrastructure Upgrades Program - Wastewater	400,000	-	-	200,000	-	-	200,000	200,000	-
Expansion / Extension Total			10,958,000	-	-	10,758,000	-	-	200,000	200,000	-
Feasibility Plans / EA's/ Studies	5161796786	First Street (Waterdown Sanitary) PS Upgrade DC014	1,000,000	-	-	610,000	-	-	390,000	390,000	-
	5162095800	Flooding & Drainage Master Plan Capital Improvements	610,000	-	-	-	-	-	610,000	610,000	-
	5162168777	Chedoke Creek Water Quality Improvements (CASH FLOWED)	1,250,000	-	-	-	1,250,000	-	-	-	-
	5162255242	Combined Sewer Outfall Monitoring Study	200,000	-	-	-	128,530	-	71,470	71,470	-
	5162257800	Wastewater Facility Asset Management Implementation Plan	280,000	-	-	-	-	-	280,000	280,000	-
	5162349555	QA-QC Service Contract Program	150,000	-	-	-	-	-	150,000	150,000	-
	5162355010	Wastewater Systems Planning	710,000	-	-	-	-	-	710,000	710,000	-
	5162355022	Engineering Consultant Sewermain Projects	500,000	-	-	-	-	-	500,000	500,000	-
	5162355556	Mapping Update Program	20,000	-	-	-	-	-	20,000	20,000	-
	5162355880	Inflow & Infiltration Studies and Flow Monitoring Program	1,310,000	-	-	655,000	-	-	655,000	655,000	-
	5162357545	Wastewater Computer Model Update & Maintenance	480,000	-	-	-	-	-	480,000	480,000	-
	5162366711	Wastewater Treatment Studies Program	150,000	-	-	-	-	-	150,000	150,000	-
	5162367752	Wastewater Outstation Inspections - Asset Management Program	1,000,000	-	-	-	-	-	1,000,000	1,000,000	-
	5162562543	CSO Characterization Program	190,000	-	-	-	-	-	190,000	190,000	-
Feasibility Plans / EA's/ Studies Total			7,850,000	-	-	1,265,000	1,378,530	-	5,206,470	5,206,470	-
Licenses	5162362073	Field Data Systems Program	110,000	-	-	-	-	-	110,000	110,000	-
Licenses Total			110,000	-	-	-	-	-	110,000	110,000	-
Network Extension	5162360315	Parkside Drive Fire/EMS Facility Servicing	100,000	-	-	-	-	-	100,000	100,000	-
	5162360316	Parkside Drive Fire/EMS Facility Servicing Interim	100,000	-	-	-	-	-	100,000	100,000	-
	5162380381	Binbrook Sanitary Sewer - Fletcher to Brigham	603,000	-	-	603,000	-	-	-	-	-
Network Extension Total			803,000	-	-	603,000	-	-	200,000	200,000	-
New	5161667421	New Haulage Receiving Station	460,000	-	-	-	-	-	460,000	460,000	-
	5161696452	Airport Lands Dickenson Rd Trunk Sewer (WW-27, WW-26, WW-28) (CASH FLOWED)	16,000,000	-	-	16,000,000	-	-	-	-	-
	5161718420	Grindstone Creek Utility Bridge - DESIGN ONLY	100,000	-	-	-	-	-	100,000	100,000	-

City of Hamilton
Wastewater System
2023 Capital Budget Project List
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Project Type	Project ID	Project Title	Gross Costs	Grants and Subsidies	Other External Revenue	Development Charge	Reserves	WIP	Net Cost	Financing Sources	
										From Operating	External Debt
	5162441226	New Water and Wastewater Operations Facilities (CASH FLOWED)	437,500	-	-	-	-	-	437,500	437,500	-
New Total			16,997,500	-	-	16,000,000	-	-	997,500	997,500	-
Rehabilitation / Renovation											
	5160866801	Woodward WWTP - Clean Harbour (CASH FLOWED)	11,730,000	-	-	-	-	-	11,730,000	11,730,000	-
	5160966910	Woodward WWTP - Biosolids Management Facility	2,770,000	-	-	523,530	-	-	2,246,470	2,246,470	-
	5161266213	Dundas WWTP Improvements (CASH FLOWED)	1,650,000	-	-	-	-	-	1,650,000	607,602	1,042,398
	5161267273	Dundas Wastewater Outstations Upgrades	440,000	-	-	-	-	-	440,000	440,000	-
	5161467756	Greenhill & Cochrane HCS01 Combined Sewer Overflow Tank Cleaning & Upgrades (CASH FLOWED)	2,150,000	-	-	-	-	-	2,150,000	2,150,000	-
	5161767420	Parkdale Avenue HC001 Wastewater Pumping Station Upgrades	560,000	-	-	-	-	-	560,000	560,000	-
	5161966511	Woodward WWTP - Digester 3 & 5 (CASH FLOWED)	2,220,000	-	-	-	-	-	2,220,000	2,220,000	-
	5162067425	Hillside SPS (DC006) Upgrades	550,000	-	-	-	-	-	550,000	550,000	-
	5162167275	DC014 First Street (Waterdown) SPS New Swab Launch Chamber	330,000	-	-	-	-	-	330,000	330,000	-
	5162167420	DC007 McMaster Sewage Pumping Station Upgrades	440,000	-	-	-	-	-	440,000	440,000	-
	5162266911	Woodward WWTP - North Digester Complex Rehabilitation (CASH FLOW)	1,600,000	-	-	-	-	-	1,600,000	1,600,000	-
	5162267375	Beach Boulevard (HC051) Wastewater Pump Station Upgrades	2,300,000	-	-	-	-	2,000,000	300,000	300,000	-
	5162267376	Rockcliffe (DC015) Wastewater Pumping Station Upgrades	3,350,000	-	-	-	-	-	3,350,000	-	3,350,000
	5162311101	Road Cut Restoration Program	1,800,000	-	-	-	-	-	1,800,000	1,800,000	-
	5162360310	Regional Road 56 - Fall Fair Way to 500m North of Guyatt Rd - Sewer Main Rehab	2,500,000	-	-	-	-	-	2,500,000	-	2,500,000
	5162360390	Wastewater System Lining Program	4,050,000	-	-	-	-	4,050,000	-	-	-
	5162360522	Sewer Lateral Management Program (WWC)	1,000,000	-	-	-	-	-	1,000,000	1,000,000	-
	5162360574	Capital Programming Sewer Inspection & Assessment	700,000	-	-	-	-	438,000	262,000	262,000	-
	5162360575	Mainline Sewer Condition Assessment Program	1,140,000	-	-	-	-	-	1,140,000	1,140,000	-
	5162360576	Sewer Lateral Condition Assessment Program	250,000	-	-	-	-	250,000	-	-	-
	5162360942	Ancaster Sewage Works Sewer & Pipe Bridge Rehabilitation - Hwy 403 to Bluebell	300,000	-	-	-	-	300,000	-	-	-
	5162361444	Sewer Lateral Replace/Rehab Program	3,100,000	-	-	-	-	950,000	2,150,000	2,150,000	-
	5162361741	Resetting or Adjusting of Wastewater Utility Structures	250,000	-	-	-	-	-	250,000	250,000	-
	5162366223	Dundas WWTP Immediate Needs	1,400,000	-	-	-	-	-	1,400,000	1,400,000	-
	5162366420	Woodward WWTP - Primary Clarifiers (Galleries 1-8)	1,140,000	-	-	-	-	-	1,140,000	1,140,000	-
	5162366712	Wastewater Maintenance - Rebuild, Replacement and New Capital	300,000	-	-	-	-	-	300,000	300,000	-
	5162366713	Wastewater Capital Maintenance Program	3,000,000	-	-	-	-	-	3,000,000	3,000,000	-
	5162367425	Beach Boulevard (HC031) Wastewater Pumping Station Upgrades	830,000	-	-	-	-	-	830,000	830,000	-
Rehabilitation / Renovation Total			51,850,000	-	-	523,530	-	7,988,000	43,338,470	36,446,072	6,892,398
Replacement											
	5162360577	Mainline Sewer Condition Assessment for Compliance & Regulations	100,000	-	-	-	-	-	100,000	100,000	-
	5162360820	Open Cut Repairs for CIPP Program	500,000	-	-	-	-	-	500,000	500,000	-
	5162361350	Sewer Regulator Rehabilitation/Replacement	504,000	466,839	-	-	-	37,161	-	-	-
	5162361351	Targeted Private Disconnection Program	500,000	466,839	-	-	-	33,161	-	-	-
	5162361740	Unscheduled Manhole and Sewermain Replacement Program	650,000	-	-	-	-	-	650,000	650,000	-
	5162366111	Woodward WWTP - IT Infrastructure Upgrade	250,000	-	-	-	-	-	250,000	250,000	-
	5162366151	SCADA Maintenance Program	275,000	-	-	-	-	-	275,000	275,000	-
Replacement Total			2,779,000	933,678	-	-	-	70,322	1,775,000	1,775,000	-
Staffing Costs	5162301099	Engineering Services Staffing Costs - Wastewater	4,750,000	-	-	-	-	-	4,750,000	4,750,000	-
Staffing Costs Total			4,750,000	-	-	-	-	-	4,750,000	4,750,000	-
Grand Total			107,292,500	933,678	-	29,669,530	4,128,530	11,437,322	61,123,440	54,231,042	6,892,398

City of Hamilton Appendix "E" to Item 3(n) of GIC Report 21-021 Page 1 of 2
 Storm Water Management
 2023 Capital Budget Project List
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Project Type	Project ID	Project Title	Gross Costs	Grants and Subsidies	Other External Revenue	Development Charge	Reserves	WIP	Net Cost	Financing Sources	
										From Operating	External Debt
Coordinated - Network Extension	5181880887	Multi-Area Employment Lands - Storm Sewer for Street A Extension to Pritchard (new road)	700,000	-	-	-	-	-	700,000	700,000	-
	5182180584	RHBP - Nebo - Rymal to Twenty	1,000,000	-	-	850,000	-	-	150,000	150,000	-
Coordinated - Network Extension Total			1,700,000	-	-	850,000	-	-	850,000	850,000	-
Coordinated - Replacement	5182371309	Wilson - Wentworth to Sherman	530,000	-	-	-	-	530,000	-	-	-
	5182372315	Jones - Dundurn to West End	275,000	-	-	-	-	-	275,000	275,000	-
Coordinated - Replacement Total			805,000	-	-	-	-	530,000	275,000	275,000	-
Enhancement	5181562590	SWMP Retrofits	660,000	-	-	-	-	-	660,000	660,000	-
	5181872295	SERG - Winona Area Drainage Improvements	66,000	-	-	-	-	-	66,000	66,000	-
	5181967500	DMAF- CSO Backflow Preventors	2,250,000	-	-	-	-	-	2,250,000	2,250,000	-
Enhancement Total			2,976,000	-	-	-	-	-	2,976,000	2,976,000	-
Feasibility Plans / EA's/ Studies	5182095800	Flooding & Drainage Master Plan Capital Improvements	610,000	-	-	-	-	-	610,000	610,000	-
	5182317550	Small Culvert Rehab/Repair - Engineering Services	550,000	-	-	-	-	550,000	-	-	-
	5182355210	Storm Water Outfall Investigations	300,000	-	-	-	-	299,000	1,000	1,000	-
	5182355340	Stormwater & Drainage Studies	500,000	-	-	-	-	-	500,000	500,000	-
	5182355347	Watercourse Erosion Sites Rehabilitation and Mitigation	310,000	-	-	-	-	-	310,000	310,000	-
	5182355421	Stormwater System Planning Program	420,000	-	-	-	-	-	420,000	420,000	-
	5182355556	Mapping Update Program	20,000	-	-	-	-	-	20,000	20,000	-
	5182368678	City of Hamilton Watershed Action Plan	220,000	-	-	-	-	-	220,000	220,000	-
	5182374680	Storm Sewer Network Planning - Transportation Program	720,000	-	-	-	-	-	720,000	720,000	-
	5182374840	Stormwater Analysis for Bridge, Culvert and Ditch Replacement Projects	305,000	-	-	-	-	-	305,000	305,000	-
Feasibility Plans / EA's/ Studies Total			3,955,000	-	-	-	-	849,000	3,106,000	3,106,000	-
Licenses	5182362073	Field Data Systems Program	110,000	-	-	-	-	-	110,000	110,000	-
Licenses Total			110,000	-	-	-	-	-	110,000	110,000	-
Network Extension	5182360315	Parkside Drive Fire/EMS Facility Servicing	100,000	-	-	-	-	-	100,000	100,000	-
Network Extension Total			100,000	-	-	-	-	-	100,000	100,000	-
New	5182067875	Beach Strip Stormwater Pumping Stations (CASH FLOWED)	1,260,000	-	-	-	-	-	1,260,000	1,260,000	-
	5182323875	Beach Strip Stormwater Collection System Improvements	185,000	-	-	-	-	-	185,000	185,000	-
	5182380390	SWMP - A14 - Springbrook Corners	1,290,000	-	-	1,290,000	-	-	-	-	-
	5182380391	SWMP - SL3 - Block 2 (844 Barton Street)	3,320,000	-	-	3,320,000	-	-	-	-	-
	5182380392	SWMP - BMH20 - Binbrook Settlement Area	3,933,000	-	-	3,933,000	-	-	-	-	-
	5182380393	SWMP - HAM30 - St. Elizabeth's Village Expansion Retrofit	1,780,000	-	-	1,780,000	-	-	-	-	-
	5182380864	SWMP - W6 Waterdown Bay (Saleem Property)	1,565,000	-	-	1,565,000	-	-	-	-	-
New Total			13,333,000	-	-	11,888,000	-	-	1,445,000	1,445,000	-
Rehabilitation / Renovation	5181372295	SERG - Mount Albion Stormwater Management Facility Rehabilitation	110,000	-	-	-	-	-	110,000	110,000	-
	5181767723	Grafton and Centennial Stormwater Pumping Stations - Standby Power	550,000	-	-	-	-	-	550,000	550,000	-
	5182061046	Osler Dr Outfall @ Grant Blvd	232,000	-	-	-	-	232,000	-	-	-
	5182317152	Right of Way Drainage Program	1,500,000	-	-	-	-	1,500,000	-	-	-
	5182317549	Concrete Box Culvert Rehab/Repair - T.O.M.	250,000	-	-	-	-	250,000	-	-	-
	5182318086	Culvert rehabilitation (Bridge 086) - Cross St, 25 metres south of Alma St	100,000	-	-	-	-	100,000	-	-	-
	5182360622	SWM Facility Maintenance Program	2,500,000	-	-	-	-	-	2,500,000	2,500,000	-
5182361341	Sullivan's Lane (Dundas) Drainage Improvements	400,000	-	-	-	-	-	400,000	400,000	-	
Rehabilitation / Renovation Total			5,642,000	-	-	-	-	2,082,000	3,560,000	3,560,000	-
Replacement	5182260220	Culvert FLA-3008 - Old Brock Rd 100m w/o Brock	169,000	-	-	-	-	169,000	-	-	-
	5182317458	Catch Basin Replacement/Rehabilitation Program	500,000	-	-	-	-	-	500,000	500,000	-
	5182318320	Woodhill Road Culvert	100,000	-	-	-	-	-	100,000	100,000	-
	5182361740	Unscheduled Manhole and Sewermain Replacement Program	200,000	-	-	-	-	-	200,000	200,000	-

City of Hamilton Appendix "E" to Item 3(n) of GIC Report 21-021 Page 2 of 2
 Storm Water Management
 2023 Capital Budget Project List
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Project Type	Project ID	Project Title	Gross Costs	Grants and Subsidies	Other External Revenue	Development Charge	Reserves	WIP	Net Cost	Financing Sources	
										From Operating	External Debt
	5182372074	Contingency for Unscheduled Works Program	100,000	-	-	-	-	100,000	-	-	-
Replacement Total			1,069,000	-	-	-	-	269,000	800,000	800,000	-
Staffing Costs	5182301099	Engineering Services Staffing Costs - Storm	1,600,000	-	-	-	-	-	1,600,000	1,600,000	-
Staffing Costs Total			1,600,000	-	-	-	-	-	1,600,000	1,600,000	-
Grand Total			31,290,000	-	-	12,738,000	-	3,730,000	14,822,000	14,822,000	-

CITY OF HAMILTON
2023 Rate Program Capital Budget Summary
(\$000'S)

	Gross Costs	Subsidy/ Other Revenues	Development Charges	WIP / Other Internal Sources	Reserves	Net Cost	Financing Source	
							Contribution From Operating	External Borrowings (Debentures)
2023 Coordinated - Network Extension	2,715	-	-	1,865	-	-	850	850
Coordinated - Other	3,770	-	-	-	-	-	3,770	3,770
Coordinated - Rehabilitation	150	-	-	-	-	-	150	150
Coordinated - Replacement	11,760	-	-	270	-	2,309	9,181	4,181
Coordinated - Upgrade	2,795	2,220	-	-	-	-	575	575
Coordinated Replacement (50/50)	2,600	-	-	-	-	-	2,600	2,600
Demolition / Disposal	-	-	-	-	-	-	-	-
Enhancement	16,016	-	-	-	5,750	2,500	7,766	7,766
Expansion / Extension	17,408	-	-	14,898	-	-	2,510	2,510
Feasibility Plans / EA's/ Studies	27,271	-	-	12,981	1,379	849	12,062	12,062
Licenses	330	-	-	-	-	-	330	330
Network Extension	2,010	-	-	1,235	-	-	775	775
New	40,388	-	-	33,438	-	-	6,950	6,950
Rehabilitation / Renovation	92,310	-	-	5,874	-	17,970	68,466	58,574
Replacement	23,623	934	-	2,250	-	339	20,100	20,100
Safety/ Security	1,060	-	-	-	-	-	1,060	1,060
Staffing Costs	11,100	-	-	-	-	-	11,100	11,100
Total	255,306	3,154	-	72,811	7,129	23,967	148,246	133,353

CITY OF HAMILTON
2023 - 2032 WATER / WASTEWATER / STORM CAPITAL FINANCING PLAN
(\$'s)

	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>	<u>2031</u>	<u>2032</u>	<u>2023 - 2032</u>
NET EXPENDITURES FORECAST												
WASTEWATER (NET)	105,784,138	61,123,440	83,442,070	101,613,970	74,017,970	71,791,970	85,886,470	71,411,470	102,445,470	94,281,470	89,156,470	835,170,770
WATER (NET)	56,639,500	72,300,080	121,988,000	101,188,250	90,680,750	119,215,750	126,020,250	118,597,250	102,485,000	89,210,750	92,346,000	1,034,032,080
STORM (NET)	11,765,000	14,822,000	29,650,000	34,645,000	21,339,000	48,205,000	54,935,000	45,615,000	29,685,000	32,453,000	31,695,000	343,044,000
TOTAL NET EXPENDITURES	174,188,638	148,245,520	235,080,070	237,447,220	186,037,720	239,212,720	266,841,720	235,623,720	234,615,470	215,945,220	213,197,470	2,212,246,850
SOURCE OF FINANCING												
DEBT ISSUES	49,100,000	14,892,398	90,185,893	79,848,626	8,354,799	33,008,265	25,874,314	0	0	0	0	252,164,295
TRANSFER FROM OPERATING	125,088,638	133,353,122	144,894,177	157,598,594	177,682,921	206,204,455	240,967,406	235,623,720	234,615,470	215,945,220	213,197,470	1,960,082,555
TOTAL CAPITAL FINANCING	174,188,638	148,245,520	235,080,070	237,447,220	186,037,720	239,212,720	266,841,720	235,623,720	234,615,470	215,945,220	213,197,470	2,212,246,850
OPERATING BUDGET IMPACT												
TRANSFER FROM OPERATING	125,088,638	133,353,122	144,894,177	157,598,594	177,682,921	206,204,455	240,967,406	235,623,720	234,615,470	215,945,220	213,197,470	1,960,082,555
DC EXEMPTION FUNDING	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	90,000,000
DEBT CHARGES (NET)	22,349,172	21,581,306	31,686,772	43,966,990	51,688,134	53,832,050	53,706,894	54,494,013	51,718,181	51,494,857	46,801,574	460,970,772
TOTAL CAPITAL FINANCING COSTS	156,437,810	163,934,428	185,580,949	210,565,584	238,371,055	269,036,505	303,674,300	299,117,733	295,333,651	276,440,077	268,999,044	2,511,053,327

CITY OF HAMILTON 2023-2032 CAPITAL BUDGET FINANCING PLAN RATE SUPPORTED PROGRAM - AFFORDABLE / UNAFFORDABLE \$(000's)							
Year	Projected Gross Cost	Affordable Gross Cost	Subsidy/ Other Revenue	Dev't Charges	Reserves/ & Internal Sources	FINANCING SOURCES	
						Contribution From Operating	External Debt
	\$	\$	\$	\$	\$	\$	\$
2023	255,306	255,306	3,154	72,811	31,096	133,353	14,892
2024	367,724	367,724	10,280	117,014	5,350	144,894	90,186
2025	307,499	307,499	24,895	39,907	5,250	157,599	79,849
2026-2032	2,178,334	2,343,334	52,685	692,775	6,400	1,524,237	67,237
TOTAL	3,108,863	3,273,863	91,014	922,507	48,096	1,960,083	252,164

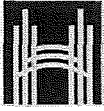
HAMILTON WATER
2023 RATE SUPPORTED STAFFING SUMMARY

Deptid	Deptid Description	2022	2023	2023	2023	2023
		RESTATED	MAINTENANCE	PROGRAM CHANGES	REQUESTED	REQUESTED vs. 2022 RESTATED
510200	Director Hamilton Water	2.00	2.00	0.00	2.00	0.00
510202	Project Management Office	5.00	5.00	1.00	6.00	1.00
510203	WWW Operations Director	2.00	2.00	0.00	2.00	0.00
510205	Woodward Upgrades	7.00	7.00	0.00	7.00	0.00
510206	Inventory & Fleet Management	6.00	6.00	0.00	6.00	0.00
510210	Customer Service & Community Outreach	2.00	2.00	0.00	2.00	0.00
510215	Education & Outreach	5.65	5.65	0.00	5.65	0.00
510220	Service Co-ordination	22.00	22.00	1.00	23.00	1.00
510230	Engineering Systems & Data Collection	9.00	9.00	0.00	9.00	0.00
510240	Compliance & Regulations	8.00	8.00	0.00	8.00	0.00
510250	Laboratory Services	25.00	25.00	1.00	26.00	1.00
510260	Environmental Monitoring & Enforcement	17.00	17.00	1.00	18.00	1.00
510270	Water Distribution (WD) & Wastewtr Collection (WWC)	5.00	5.00	0.00	5.00	0.00
510275	WD & WWC Contracts	20.00	20.00	1.00	21.00	1.00
510280	WD & WWC Construction	23.00	23.00	0.00	23.00	0.00
510285	WD & WWC Maintenance	19.00	19.00	0.00	19.00	0.00
510290	WD & WWC Operations	23.00	23.00	0.00	23.00	0.00
510295	WD & WWC Storm	8.00	8.00	0.00	8.00	0.00
510300	WWW Planning & Capital Director	2.00	2.00	0.00	2.00	0.00
510310	Plant Operations & Maintenance	9.00	9.00	0.00	9.00	0.00
510320	Plant Maintenance & Technical Services	1.00	1.00	0.00	1.00	0.00
510321	Plant Maintenance	30.00	30.00	0.00	30.00	0.00
510322	Plant SCADA	7.00	7.00	0.00	7.00	0.00
510323	Plant Technical Services	6.00	6.00	0.00	6.00	0.00
510330	Plant Operations	45.00	45.00	1.00	46.00	1.00
510340	Capital Delivery	15.00	15.00	0.00	15.00	0.00
510350	Infrastructure Planning and System Design	19.00	19.00	0.00	19.00	0.00
510360	Watershed Management	5.00	5.00	2.00	7.00	2.00
Total RATE Supported Staff		347.65	347.65	8.00	355.65	8.00

2023 Rate Budget - Business Case Summary

DEPARTMENT: Public Works

DIVISION	SERVICE / PROGRAM	DESCRIPTION OF PROGRAM ENHANCEMENT	2023 IMPACT			ANNUALIZED IMPACT
			\$ GROSS	\$ NET	FTE Impact	\$ NET
Hamilton Water	Watershed Management	Director to support the Watershed Action Plan.	\$ 217,016	\$ 217,016	1.00	\$ 217,016
Hamilton Water	Watershed Management	Sr. Project Manager to support the Watershed Action Plan.	\$ 142,319	\$ 106,739	1.00	\$ 142,319
Hamilton Water	Plant Operations	Maintenance Operator to support increasing compliance requirements.	\$ 110,612	\$ 82,959	1.00	\$ 110,612
Hamilton Water	Compliance & Regulation	Laboratory Technologist to support the Surface Water Quality Program (SWQP) and other initiatives.	\$ 111,017	\$ 83,263	1.00	\$ 111,017
Hamilton Water	Compliance & Regulation	Regulatory Field Technician to support the Drinking Water Sampling Program and the Wastewater Surveillance Program requested by Public Health Services (PHS)	\$ 103,858	\$ 77,893	1.00	\$ 103,858
Hamilton Water	Customer Service & Community Outreach	Scheduler / Dispatcher to support the Lead Service Line Replacement Program.	\$ 35,333	\$ 26,499	0.50	\$ 35,333
Hamilton Water	Customer Service & Community Outreach	Water Operations Clerk to support the Water Meter Operations and Maintenance Program.	\$ 33,035	\$ 24,776	0.50	\$ 33,035
Hamilton Water	Water Distribution & Wastewater Collection	Contract Inspector to complete Private Water Asset Infrastructure Repair/Replacement Inspections.	\$ 125,958	\$ 47,234	1.00	\$ 62,979
Hamilton Water	Project Management Office	Contract Coordinator to support the Hamilton Water Staff with day-to-day contractual support, and coordinate and process Procurement Policy documents.	\$ 111,017	\$ -	1.00	
Divn Subtotal			\$ 990,165	\$ 666,380	8.00	\$ 816,168
DEPARTMENT TOTAL			\$ 990,165	\$ 666,380	8.00	\$ 816,168



Hamilton

POLICY TITLE: New Development Water Customer Attachment Billing Policy

POLICY NO: PP-0014

LAST REVISION DATE: May 2020

EFFECTIVE DATE: January 1, 2023

MANAGER REVIEWED: Kirk Weaver

TO BE REVIEWED: January 2028

MAINTENANCE RESPONSIBILITY: Senior Policy Advisor, Financial Planning, Administration and Policy Division

I GENERAL

The New Development Water Customer Attachment Billing Policy (Policy) details the processes for the commencement of water and wastewater / storm billings related to new development construction of single residential, Industrial / Commercial/Institutional (ICI) and multi-residential properties.

II BACKGROUND

The City's Waterworks By-law R84-026 (By-law) stipulates that all properties, once connected to the City's waterworks system, are to install a water meter and remote reading device. However, non-metered water is being supplied to properties with newly installed water services during construction of new developments and before the installation of a water meter. This Policy ensures that the commencement of water and wastewater / storm billings associated with new development construction occurs in a timely and consistent manner.

III POLICY

Single Residential New Developments

Billing Policy

Water billing will commence on the date of the first insulation inspection in one of the following manners:

- 1) Metered - If a meter is installed, the billing will reflect actual water consumption
- 2) Unmetered - If a meter is not installed, billing will occur on a flat rate basis (1 cubic metre per day) until the meter has been installed. To avoid unmetered flat rate billings, the property owner should ensure the water meter has been installed before requesting an insulation inspection.

Metering Stakeholders

Stakeholders	Key Roles and Responsibilities
Property Owner <ul style="list-style-type: none"> ▪ individual / developer / contractor 	<ul style="list-style-type: none"> ▪ Initiates development with purchase of building and servicing permits (meter installation and construction water fees paid with building permit)
Building Division	<ul style="list-style-type: none"> ▪ Issues building and servicing permits ▪ Performs inspections associated with building permit ▪ Will not schedule occupancy inspection unless water meter has been installed
Financial Planning, Administration and Policy Division	<ul style="list-style-type: none"> ▪ Provides Alectra a monthly listing of new residential properties that have reached the insulation inspection stage of the building permit process
Hamilton Water Customer Service Section	<ul style="list-style-type: none"> ▪ Manages water meter installations ▪ Forwards meter installation work orders to meter contractor ▪ Forwards completed meter installation work orders to Alectra for billing purposes
Meter Contractor - Neptune Technology Group	<ul style="list-style-type: none"> ▪ Supplies, installs and replaces water meters for Hamilton Water
Alectra Utilities	<ul style="list-style-type: none"> ▪ City's water and wastewater/storm billing agent ▪ Commences water billings for new homes based on direction from City

Note: Detailed process flowchart of the related meter installation process is available upon request.

Multi-residential and Industrial / Commercial / Institutional (ICI) New Developments

Billing Policy

Water billing will commence on an unmetered/ flat rate basis on the date when water is turned on at the property in the following manners:

- 1) "Single" unmetered basis – Billing will occur on a flat rate basis until the meter has been installed or the date of the initial plumbing inspection. Flat rates are progressive based on the size of the meter that will be installed (refer to the table below), for example 4m³/day flat rate where a 50mm meter will be installed.
- 2) "Triple" unmetered basis - If a meter is not installed at the date of the initial plumbing inspection, billing will change to triple flat rate until the meter has been installed. To avoid unmetered triple flat rate billings, the property owner would need to ensure that the water meter has been installed before a plumbing inspection is requested.

Unmetered Rates by Meter Size

Meter to be installed		Unmetered m ³ /day	2020 Costs *	
inches	mm		Daily	Monthly **
< 1	15-21	1.0	\$ 3.39	\$ 101.70
1	25	1.5	\$ 5.09	\$ 152.55
1.5	38	2.5	\$ 8.48	\$ 254.25
2	50	4	\$ 13.56	\$ 406.80
3	75	9	\$ 30.51	\$ 915.30
4	100	16	\$ 54.24	\$ 1,627.20
6	150	36	\$ 122.04	\$ 3,661.20
8	200	64	\$ 216.96	\$ 6,508.80
10	250	100	\$ 339.00	\$ 10,170.00

* Combined water & wastewater / storm.

* Rates set annually as part of Rate Budget Process.

** 30-day month

Metering Stakeholders

Stakeholders	Key Roles and Responsibilities
Property Owner <ul style="list-style-type: none"> ▪ individual / developer / contractor 	<ul style="list-style-type: none"> ▪ Initiates development with purchase of servicing (construction water fees paid with servicing permit), water meter and building permits
Growth Management Division <ul style="list-style-type: none"> ▪ Development Approvals Section 	<ul style="list-style-type: none"> ▪ Issues water servicing and water meter permits (at the same time)

	<ul style="list-style-type: none"> ▪ Provides copies of permits to Meter Operations
<p>Growth Management Division</p> <ul style="list-style-type: none"> ▪ Construction Section 	<ul style="list-style-type: none"> ▪ Issues water servicing and water meter permits (objective to issue both at the same time) ▪ Provides copies of water permits to Hamilton Water Meter Operations ▪ Activate water services; where meter is to be installed at the property line in a chamber and requires a meter spacer, water is not to be activated until after spacer is installed ▪ Advise Meter Operations and Finance of all water service line activations including dedicated fire lines
<p>Building Division</p>	<ul style="list-style-type: none"> ▪ Issues building permits ▪ Performs inspections associated with building permit ▪ Where water meter is not installed at the property line, will not schedule occupancy inspection unless the meter has been installed
<p>Financial Planning, Administration and Policy Division</p>	<ul style="list-style-type: none"> ▪ Advises Alectra to commence unmetered/flat rate billings ▪ Identifies properties that have reached the plumbing inspection stage of the building permit process and advises Alectra where no meter has been installed to increase to triple unmetered/flat rates
<p>Hamilton Water Customer Service</p>	<ul style="list-style-type: none"> ▪ Manages water meter installations ▪ Forwards meter installation work orders to meter contractor ▪ Forwards completed meter installation work orders to Alectra for billing purposes
<p>Meter Contractor - Neptune Technology Group</p>	<ul style="list-style-type: none"> ▪ Supplies, installs and replaces water meters for Hamilton Water
<p>Alectra Utilities</p>	<ul style="list-style-type: none"> ▪ City's water and wastewater / storm billing agent ▪ Commences water billings based on direction from City

Note: Detailed process flowchart of the related meter installation process is available upon request.