



**GENERAL ISSUES COMMITTEE
(RATE BUDGET)
REPORT 21-025**

9:30 a.m.

November 22, 2021

Due to COVID-19 and the closure of City Hall, this meeting was held virtually.

Present: Mayor F. Eisenberger, Deputy Mayor M. Pearson (Chair)
Councillors M. Wilson, J. Farr, N. Nann, R. Powers, S. Merulla,
E. Pauls, J. P. Danko, B. Clark, B. Johnson, L. Ferguson, A. VanderBeek

Absent: Councillors T. Whitehead, T. Jackson – Personal
Councillor J. Partridge – Other City Business

THE GENERAL ISSUES COMMITTEE PRESENTS REPORT 20-025, AND RESPECTFULLY RECOMMENDS:

1. Alectra Utilities Water, Wastewater and Storm 2021 Service Activity Report (FCS21089) (City Wide) (Item 5.1)

That Report FCS21089, respecting the Alectra Utilities Water, Wastewater and Storm 2021 Service Activity Report, be received.

2. 2022 Recommended Water, Wastewater and Stormwater Budget (FCS21088) (City Wide)

(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, 2022:

Monthly Water Consumption (m3)	Rate (\$/m3)
0 – 10	0.89
> 10	1.77

- (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 \$1.77 per cubic metre, effective January 1, 2022;
- (c) That daily water fixed charges for all properties in the City of Hamilton, be imposed at the following rates, effective January 1, 2022:

Meter Size	Daily Water Rate
15 mm	\$0.41
16 mm	\$0.41
20 mm	\$0.41
21 mm	\$0.41
25 mm	\$1.03
38 mm	\$2.05
50 mm	\$3.28
75 mm	\$6.56
100 mm	\$10.25
150 mm	\$20.50
200 mm	\$32.80
250 mm	\$47.15
300 mm	\$69.70

- (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, 2022:

Monthly Water Consumption (m3)	Rate (\$/m3)
0 – 10	0.95
> 10	1.89

- (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 \$1.89 per cubic metre, effective January 1, 2022;
- (f) That daily wastewater / storm fixed charges for all properties in the City of Hamilton, be imposed at the following rates, effective January 1, 2022:

Meter Size	Daily Wastewater / Storm Rate
15 mm	\$0.44
16 mm	\$0.44
20 mm	\$0.44
21 mm	\$0.44

25 mm	\$1.10
38 mm	\$2.20
50 mm	\$3.52
75 mm	\$7.04
100 mm	\$11.00
150 mm	\$22.00
200 mm	\$35.20
250 mm	\$50.60
300 mm	\$74.80

- (g) That the residential non-metered annual water rate, be imposed at the flat rate of \$646.05 per annum, effective January 1, 2022;
- (h) That the residential non-metered annual wastewater / storm rate, be imposed at the flat rate of \$689.85 per annum, effective January 1, 2022;
- (i) That the residential combined non-metered annual water and wastewater / storm rate, be imposed at the flat rate of \$1,335.90 per annum, effective January 1, 2022;
- (j) That the Private Fire Line rates, be imposed at the following rates, effective January 1, 2022:

Connection Size		Monthly Rate
mm	inches	
25	1	\$3.88
38	1.5	\$8.92
50	2	\$15.52
75	3	\$34.92
100	4	\$62.08
150	6	\$139.68
200	8	\$248.32
250	10	\$248.32
300	12	\$248.32

- (k) That the 2022 Water, Wastewater and Storm Proposed User Fees and Charges, be imposed as per Appendix "A" to Report 21-025, effective January 1, 2022;
- (l) That the 2022 Water, Wastewater and Stormwater Rate Supported Operating Budget in the amount of \$257,850,912, be approved as per Appendix "B" to Report 21-025;

- (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 2022-2031 Water, Wastewater and Stormwater Rate Supported Operating Budget forecast (Appendix “B” to Report 21-025), be approved, in principle;
- (n) That the 2022 Water, Wastewater and Stormwater Rate Supported Capital Budget and Financing Plan in the amount of \$310,436,253, be approved as per Appendices “C”, “D”, “E” and “F” to Report 21-025;
- (o) That the 2022-2031 Water, Wastewater and Stormwater Rate Supported Capital Budget forecast and financing plan (Appendix “G” to Report 21-025), be approved, in principle;
- (p) That the City Solicitor be authorized and directed to prepare, for Council approval, all necessary by-laws respecting the 2022 water and wastewater / storm user fees, charges and rates set out in Recommendations (a) through (l) of Report FCS21088;
- (q) That the additional 10.0 Full Time Equivalent Rate Supported Staffing, be approved as per Appendix “H” to Report 21-025;
- (r) That the General Manager, Finance and Corporate Services, be authorized and directed to negotiate and confirm the terms, 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 \$118,717,030 Canadian currency as attached in Appendices “C”, “D” and “E” to Report 21-025, which includes \$49,100,000 in Rate Supported municipal debt and \$69,617,030 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 (t) and (u) including, but not limited to, external legal counsel, fiscal agents and Infrastructure Ontario’s Loan Program;
- (t) That the General Manager, Finance and Corporate Services, Mayor and City Clerk are each authorized and directed to enter into and / or execute, on behalf of the City of Hamilton, all agreements and necessary ancillary documents requiring their respective signatures, to secure the terms and issuance of the debenture issue(s) described in Recommendations (s), (t), (u) and (v), in a form satisfactory to the City Solicitor;

- (u) That the Mayor and City Clerk are authorized and directed to enter into and / or execute, on behalf of the City of Hamilton, all agreements and necessary ancillary documents not requiring any specific signing authority, to secure the terms and issuance of the debenture issue(s) described in Recommendations s), (t), (u) and (v), in a form satisfactory to the City Solicitor and with content acceptable to the General Manager, Finance and Corporate Services;
- (v) That all necessary By-Law(s), be passed to authorize the debenture issue(s) negotiated, placed and secured in accordance with Recommendations (r), (s) (t) and (u);
- (w) That the amending By-law attached as Appendix “U” to Report FCS21088, which amends By-law 03-272, being a By-law to Impose Fees and Charges Respecting the Use of the City of Hamilton Sanitary Sewage System and to Implement a Wastewater Abatement and which has been prepared in a form satisfactory to the City Solicitor, be enacted and effective immediately;
- (x) That the amending by-law attached as Appendix “V” to Report FCS21088 which amends By-law 06-026, being a By-law To Regulate the Installation, Connection and Use of Sewers and Drains and which has been prepared in a form satisfactory to the City Solicitor, be enacted and effective immediately;
- (y) That the amending by-law attached as Appendix “W” to Report FCS21088 which amends By-law R84-026, being a By-law To Regulate the Management and Maintenance of the Water Works Systems and which has been prepared in a form satisfactory to the City Solicitor, be enacted and effective immediately;
- (z) That the matter, respecting Budgetary Plan to Address the Chedoke Creek Matter, be considered complete and removed from the General Issues Committee’s Outstanding Business List.

FOR INFORMATION:

(a) APPROVAL OF AGENDA (Item 1)

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

The agenda for the November 22, 2021 General Issues Committee was approved.

(b) DECLARATIONS OF INTEREST (Item 2)

There were no declarations of interest.

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

(i) November 8, 2021 (Item 3.1)

The Minutes of the November 8, 2021 General Issues Committee (Budget) meeting were approved, as presented.

(d) STAFF PRESENTATIONS (Item 6)

(i) 2022 Recommended Water, Wastewater and Stormwater Budget (FCS21088) (City Wide)

Craig Murdoch, Acting General Manager of Public Works, introduced the first presentation respecting Report FCS21088 - 2022 Recommended Water, Wastewater and Stormwater Budget. The presentation was continued by Nick Winters, Acting Director of Hamilton Water; and, Carrie Vanderperk, Director, Director of Watershed Management.

Brian McMullen, Director of Financial Planning Administration and Policy, provided the second presentation respecting Report FCS21088 - 2022 Recommended Water, Wastewater and Stormwater Budget.

The presentations, respecting Report FCS21088 - 2022 Recommended Water, Wastewater and Stormwater Budget, were received.

(e) ADJOURNMENT (Item 10)

There being no further business, the General Issues Committee adjourned at 1:21 p.m.

Respectfully submitted,

Maria Pearson, Deputy Mayor
Chair, General Issues Committee

Stephanie Paparella
Legislative Coordinator,
Office of the City Clerk

CITY OF HAMILTON
2022 WATER AND WASTEWATER/STORM FEES AND CHARGES
Effective January 1, 2022

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/ Storm Rate
15 mm	\$ 0.41	\$ 0.44
16 mm	\$ 0.41	\$ 0.44
20 mm	\$ 0.41	\$ 0.44
21 mm	\$ 0.41	\$ 0.44
25 mm	\$ 1.03	\$ 1.10
38 mm	\$ 2.05	\$ 2.20
50 mm	\$ 3.28	\$ 3.52
75 mm	\$ 6.56	\$ 7.04
100 mm	\$ 10.25	\$ 11.00
150 mm	\$ 20.50	\$ 22.00
200 mm	\$ 32.80	\$ 35.20
250 mm	\$ 47.15	\$ 50.60
300 mm	\$ 69.70	\$ 74.80

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	0.89	1.77
2	>10	1.77	1.77

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	0.95	1.89
2	>10	1.89	1.89

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

Flat Rate Water Customers Annual Rate: \$646.05

Flat Rate Wastewater/Storm Customers Annual Rate: \$689.85

Combined Flat Rate Water & Wastewater/Storm Customers Annual Rate: \$1,335.90

City of Hamilton - 2022 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	\$ 3.88
38	1.5	\$ 8.92
50	2	\$ 15.52
75	3	\$ 34.92
100	4	\$ 62.08
150	6	\$ 139.68
200	8	\$ 248.32
250	10	\$ 248.32
300	12	\$ 248.32

**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	2021 including HST (if applicable)	2022 Proposed Fee	HST (y/n)	2022 including HST (if applicable)	% Fee Change	Basis for Fee Increase or Decrease		
R84-026	510220	47220	1	WATER DISTRIBUTION								
				Water Meter Permit Fee								
				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.								
				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	\$905.08	\$951.35	n	\$951.35	5.1%	To achieve full cost recovery		
				1f) 50mm (2") Displacement	\$1,218.80	\$1,218.80	n	\$1,218.80	0.0%	Current fee achieves 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	\$5,304.84	n	\$5,304.84	0.0%	Current fee achieves 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	N/A	\$9,108.49	n	\$9,108.49	0.0%	New fee at full cost recovery		
				1k) 150mm (6") Fire Service Compound	\$14,215.97	\$14,419.63	n	\$14,419.63	1.4%	To achieve full cost recovery		
				1l) 200mm (8") Fire Service Compound	\$19,450.06	\$20,076.77	n	\$20,076.77	3.2%	To achieve full cost recovery		
1m) 250mm (10") Fire Service Compound	\$25,297.11	\$26,293.48	n	\$26,293.48	3.9%	To achieve full cost recovery						
1n) Radio Remote Read Equipment Installation	\$217.59	\$254.24	n	\$254.24	16.8%	To achieve full cost recovery						
1o) Radio Remote Read Equipment Installation in Chamber	N/A	\$1,001.82	n	\$1,001.82	0.0%	New fee at full cost recovery						
R84-026	510220	45519	2	Water Meter Removal Fee								
				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. <i>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	\$131.29	\$119.60	y	\$135.15	2.9%	To achieve full cost recovery		
				2b) 20mm (3/4") Displacement	\$131.29	\$119.60	y	\$135.15	2.9%	To achieve full cost recovery		
				2c) 21mm (3/4"x1") Displacement	\$131.29	\$119.60	y	\$135.15	2.9%	To achieve full cost recovery		
				2d) 25mm (1") Displacement	\$131.29	\$119.60	y	\$135.15	2.9%	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								
				Note: Cost for customer requested service relating to meter investigation								
				3a) Regular Hours Inspection	\$134.97	\$119.44	y	\$134.97	0.0%	Current fee achieves full cost recovery		
				3b) After Hours Inspection	\$177.15	\$160.23	y	\$181.06	2.2%	To achieve full cost recovery		
3c) Same Day Inspection	N/A	\$279.63	y	\$315.98	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

**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	2021 including HST (if applicable)	2022 Proposed Fee	HST (y/n)	2022 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)	N/A	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	\$355.45	\$434.60	y	\$491.10	38.2%	To achieve full cost recovery
			5b)	16-25mm Diameter - Test where meter has been removed from service within prior 90 days	\$221.24	\$201.65	y	\$227.86	3.0%	To achieve full cost recovery
			5c)	20 mm Diameter	\$412.33	\$490.70	y	\$554.49	34.5%	To achieve full cost recovery
			5d)	25 mm Diameter	\$501.55	\$575.89	y	\$650.76	29.7%	To achieve full cost recovery
			5e)	38 mm Diameter	\$1,033.02	\$1,158.41	y	\$1,309.00	26.7%	To achieve full cost recovery
			5f)	50 mm Diameter	\$1,742.55	\$1,542.08	y	\$1,742.55	0.0%	Current fee achieves full cost recovery
			5g)	100 mm plus diameter (In Situ testing)	\$1,051.37	\$1,115.65	y	\$1,260.68	19.9%	To achieve full cost recovery

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

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**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	2021 including HST (if applicable)	2022 Proposed Fee	HST (y/n)	2022 including HST (if applicable)	% Fee Change	Basis for Fee Increase or Decrease
10-103	510220	45644	6	Backflow Prevention Program Note: Costs for contractor registration fee, administration fees for processing backflow prevention test reports and survey forms.						
			6a)	Annual Program Registration Fee	\$158.06	\$144.92	y	\$163.76	3.6%	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)	\$187.85	\$172.34	y	\$194.74	3.7%	To achieve full cost recovery
			6d)	Backflow Prevention Device Investigation - Regular Hours	\$164.92	\$151.60	y	\$171.31	3.9%	To achieve full cost recovery
			6e)	Backflow Prevention Device Investigation - After Hours	\$233.80	\$206.90	y	\$233.80	0.0%	Current fee achieves full cost recovery
R84-026	514330	45590	7	Construction Water Note: Charge for unmetered water used for construction prior to meter installation. Paid at the time of submitting building permit payment.						
			7a)	Single Residential (per lot or townhouse)	\$103.70	\$107.90	n	\$107.90	4.1%	Equal to variable water rate increase
			8	Hydrant/Road Adaptor Fees Note: Costs to install or remove water meter & backflow prevention device. When moving a hydrant/road adaptor from one site to another for the same customer, both removal & installation fees apply. This service requires a usage deposit and a damage deposit.						
R84-026	514330	41208	8a)	Usage Cost (Metered Hauled Water Rate/m³)	\$2.55	\$2.65	n	\$2.65	3.9%	Rate is 1.5x volumetric water rate
R84-026	514330	41209	8b)	Hydrant/Road Adaptor Connection/Disconnection Fee (Regular Hours-Fee for Both Services)	\$151.14	\$154.10	n	\$154.10	2.0%	To achieve full cost recovery
R84-026	514330	41209	8c)	Hydrant/Road Adaptor Connection/Disconnection Fee (After Hours/Emergency-Fee for Both S	\$285.53	\$291.20	n	\$291.20	2.0%	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	\$82.56	n	\$82.56	0.0%	Current fee achieves 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)	N/A	\$95.30	n	\$95.30	0.0%	New fee at full cost recovery
R84-026	514330	41209	8i)	Hydrant Adaptor Backflow Prevention Device Testing (After Hours / Emergency)	N/A	\$160.10	n	\$160.10	0.0%	New fee at full cost recovery
R84-026	514330	47244	9	Private Water Station Agreement Fees Annual Renewal	\$408.16	\$422.82	n	\$422.82	3.6%	To achieve full cost recovery
R84-026	514330	47232	10	Water Haulage Fees						
			10a)	Annual Water Haulage Permit Fee Note: Annual license fee to utilize the City's public filling stations.	\$65.34	\$58.22	y	\$65.79	0.7%	To achieve full cost recovery
			10b)	Account review Note: Costs charged for administrative services to provide customer account information for personal or taxation purposes.	\$99.34	\$88.28	y	\$99.76	0.4%	To achieve full cost recovery
R84-026	510220	45519	11	General Administration Fees						
			11a)	General Administrative Requests (per hour)/Report Requests	\$78.83	\$70.00	y	\$79.10	0.3%	To achieve full cost recovery
			11b)	Permit Cancellation administrative fee	\$46.66	\$41.30	y	\$46.67	0.0%	Current fee achieves full cost recovery
			11c)	Permit Renewal Fee	\$46.66	\$41.30	y	\$46.67	0.0%	Current fee achieves full cost recovery
			11d)	Lead Line Replacement Loan Application Fee	\$58.67	\$51.92	y	\$58.67	0.0%	Current fee achieves full cost recovery
			11e)	Monthly AMI Manual Meter Read Fee	\$3.39	\$3.06	y	\$3.46	2.0%	To achieve 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	\$14.45	\$13.35	y	\$15.09	4.4%	To achieve full cost recovery
			11i)	NSF Fee - Processing fee on all 'returned' payments	\$40.79	\$36.73	y	\$41.50	1.7%	Current fee achieves full cost recovery

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

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

**PUBLIC WORKS
HAMILTON WATER**

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	2021 including HST (if applicable)	2022 Proposed Fee	HST (y/n)	2022 including HST (if applicable)	% Fee Change	Basis for Fee Increase or Decrease
R84-026			12	Water Inspection Services Note: Costs associated with various permit and inspection services related to water services for properties.						
	514330	47235	12a)	Private Water Service Repair/Replacement Inspection (Reg Hours - Max 1 Hour Total	\$108.25	\$97.65	y	\$110.34	1.9%	To achieve full cost recovery
	514330	47235	12b)	Private Water Service Repair/Replacement Inspection (After Hours /Emerg - Max 1 Hour	\$184.20	\$166.20	y	\$187.81	2.0%	To achieve full cost recovery
	514330	45690	12c)	Water Service Abandonment Inspection (Regular Hours - Max 1 Hour Total Labour)	\$96.69	\$87.05	y	\$98.37	1.7%	To achieve full cost recovery
	514330	45690	12d)	Water Service Abandonment Inspection (After Hours / Emergency - Max 1 Hour Total	\$172.63	\$155.60	y	\$175.83	1.9%	To achieve full cost recovery
	514330	45690	12e)	Water Service Inspection for Demolition (Regular Hours - Max 1 Hour Total Labour)	\$96.69	\$87.05	y	\$98.37	1.7%	To achieve full cost recovery
	514330	45690	12f)	Water Service Inspection for Demolition (After Hours / Emergency - Max 1 Hour Total	\$172.63	\$155.60	y	\$175.83	1.9%	To achieve full cost recovery
	514330	45690	12g)	Missed or Cancelled Inspection	\$69.86	\$62.95	y	\$71.13	1.8%	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)	\$127.40	\$130.00	n	\$130.00	2.0%	To achieve full cost recovery
			13b)	Turning Water On/Off (After Hours/Emergency)	\$214.30	\$218.85	n	\$218.85	2.1%	To achieve full cost recovery
			13c)	Turning Water On/Off During the Same Visit (Regular Hours - Max 1/2 Hour Total Labour)	\$85.54	\$87.05	n	\$87.05	1.8%	To achieve full cost recovery
			13d)	Labour)	\$117.12	\$119.45	n	\$119.45	2.0%	To achieve full cost recovery
			13e)	Non-compliance Turn Water Off	\$85.54	\$85.54	n	\$85.54	0.0%	To achieve full cost recovery
			13f)	Non-compliance Turn Water On	\$85.54	\$85.54	n	\$85.54	0.0%	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.	\$123.52	\$96.70	y	\$109.27	-11.5%	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)	\$96.69	\$87.05	y	\$98.37	1.7%	To achieve full cost recovery
			15b)	Service Call (After Hours - Max 1 Hour Total Labour)	\$169.42	\$155.60	y	\$175.83	3.8%	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)	\$133.06	\$135.30	n	\$135.30	1.7%	To achieve full cost recovery
			17b)	Watermain Shutdown / Recharge (After Hours / Emergency-Maximum 1 Hour Total Labour)	\$239.68	\$244.46	n	\$244.46	2.0%	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	\$184.19	\$163.00	y	\$184.19	0.0%	To achieve full cost recovery
				- plus fee per page	\$18.11	\$16.02	y	\$18.11	0.0%	To achieve full cost recovery
					\$0.12	\$0.10	y	\$0.12	0.0%	To achieve 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	\$26.85	\$24.10	y	\$27.23	1.4%	To achieve full cost recovery
			20b)	1/2 Hour Additional Labour (After Hours)-Water Distribution Operator	\$40.25	\$36.20	y	\$40.91	1.6%	To achieve full cost recovery
			20c)	1/2 Hour Additional Labour (Regular Hours)-Water Distribution Operator	\$23.74	\$23.74	n	\$23.74	0.0%	To achieve full cost recovery
			20d)	1/2 Hour Additional Labour (After Hours)-Water Distribution Operator	\$35.62	\$35.62	n	\$35.62	0.0%	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

2022 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	2021 including HST (if applicable)	2022 Proposed Fee	HST (y/n)	2022 including HST (if applicable)	% Fee Change	Basis for Fee Increase or Decrease
				COLLECTION SYSTEM INSPECTION & MAINTENANCE						
06-026			1	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)	\$112.04	\$101.05	y	\$114.19	1.9%	To achieve full cost recovery
	516175	47230	1b)	Private Sewer Lateral Repair/Replacement Inspection (After Hours / Emergency - Maximum 1 Hour Total Labour)	\$239.93	\$216.05	y	\$244.14	1.8%	To achieve full cost recovery
	516175	45690	1c)	Missed or Cancelled Inspection	\$80.07	\$72.30	y	\$81.70	2.0%	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)	\$99.61	\$90.50	y	\$102.27	2.7%	To achieve full cost recovery
			2b)	Service Call (After Hours - Maximum 1 Hour Total Labour)	\$202.64	\$184.50	y	\$208.49	2.9%	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	\$467.86	\$422.30	y	\$477.20	2.0%	To achieve full cost recovery
			3b)	Complete Sewer Lateral Investigation - After Hours	\$516.78	\$466.50	y	\$527.15	2.0%	To achieve full cost recovery
			3c)	Partial Sewer Lateral Cleaning - Regular Hours	\$152.89	\$138.00	y	\$155.94	2.0%	To achieve full cost recovery
			3d)	Partial Sewer Lateral Cleaning - After Hours	\$214.05	\$193.20	y	\$218.32	2.0%	To achieve full cost recovery
			3e)	Abandoned Sewer Lateral Investigation - Regular Hours	\$244.63	\$220.80	y	\$249.50	2.0%	To achieve full cost recovery
			3f)	Abandoned Sewer Lateral Investigation - After Hours	\$305.79	\$276.00	y	\$311.88	2.0%	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	\$25.75	\$23.50	y	\$26.56	3.1%	To achieve full cost recovery
			5b)	1/2 Hour Additional Labour (After Hours) - Wastewater Collection	\$38.65	\$35.25	y	\$39.83	3.1%	To achieve full cost recovery

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**PUBLIC WORKS
HAMILTON WATER**

Dept ID	Account #	Ref #	Service Offered	2021 including HST (if applicable)	2022 Proposed Fee	HST (y/n)	2022 including HST (if applicable)	% Fee Change	Basis for Fee Increase or Decrease
			LABORATORY SERVICES						
510250	45519		Inorganic Tests:						
		1	Solids						
		1a)	Total Suspended Solids (TSS)	\$24.52	\$21.70	y	\$24.52	0.0%	Current fee achieves full cost recovery
		1b)	TSS plus Volatile Suspended Solids (VSS)	\$24.52	\$21.70	y	\$24.52	0.0%	Current fee achieves full cost recovery
		1c)	Total Solids (TS)	\$21.58	\$19.10	y	\$21.58	0.0%	Current fee achieves full cost recovery
		1d)	TS plus Volatile Solids (VS)	\$22.71	\$20.10	y	\$22.71	0.0%	Current fee achieves full cost recovery
		1e)	Total Dissolved Solids	\$36.16	\$32.10	y	\$36.27	0.3%	To achieve full cost recovery
		2	Skalar						
		2a)	Total Cyanide	\$41.70	\$37.40	y	\$42.26	1.4%	To achieve full cost recovery
		2b)	Phenolics	\$37.29	\$33.60	y	\$37.97	1.8%	To achieve full cost recovery
		2c)	Total Kjeldhal Nitrogen (TKN)	\$35.48	\$32.00	y	\$36.16	1.9%	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	\$41.81	\$37.60	y	\$42.49	1.6%	To achieve full cost recovery
		2f)	Total Organic Carbon	\$41.81	\$37.60	y	\$42.49	1.6%	To achieve full cost recovery
		2g)	Reactive Silica	\$33.90	\$30.60	y	\$34.58	2.0%	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	\$16.50	y	\$18.65	0.0%	Current fee achieves full cost recovery
		4b)	Alkalinity	\$18.53	\$16.70	y	\$18.87	1.8%	To achieve full cost recovery
		4c)	Conductivity	\$18.53	\$16.40	y	\$18.53	0.0%	Current fee achieves full cost recovery
		4d)	Fluoride	\$28.02	\$24.80	y	\$28.02	0.0%	Current fee achieves full cost recovery
		5	Turbidity	\$29.83	\$26.80	y	\$30.28	1.5%	To achieve full cost recovery
		6	UV Transmittance	\$28.59	\$25.30	y	\$28.59	0.0%	Current fee achieves full cost recovery
		7	Color Apparent	\$25.88	\$22.90	y	\$25.88	0.0%	Current fee achieves full cost recovery
		8	Color True	\$25.88	\$22.90	y	\$25.88	0.0%	Current fee achieves full cost recovery
		9	O Phosphate	\$30.17	\$28.40	y	\$32.09	6.4%	To achieve full cost recovery
		10	Chemical Oxygen Demand (COD)	\$42.83	\$37.90	y	\$42.83	0.0%	Current fee achieves full cost recovery
		11	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	\$29.72	\$26.80	y	\$30.28	1.9%	To achieve full cost recovery
510250	45519	14	Total Coliform/E coli - MPN	\$32.43	\$29.20	y	\$33.00	1.7%	To achieve full cost recovery
510250	45519	15	EC - MPN	\$32.43	\$29.20	y	\$33.00	1.7%	To achieve full cost recovery
510250	45519	16	Heterotrophic Plate Count	\$30.40	\$27.40	y	\$30.96	1.9%	To achieve full cost recovery
510250	45519	17	Micro Examination	\$162.61	\$146.50	y	\$165.55	1.8%	To achieve full cost recovery
510250	45519	18	Microcystin	\$581.95	\$515.00	y	\$581.95	0.0%	Current fee achieves full cost recovery
			Metals:						
510250	45519	18	ICP OES						
		18a)	ICP OES Scan (Wastewater)	\$68.14	\$61.10	y	\$69.04	1.3%	To achieve full cost recovery
		18b)	Total Phosphorous	\$31.30	\$27.70	y	\$31.30	0.0%	Current fee achieves full cost recovery
		18c)	Total Dissolved Phosphorous	\$31.30	\$27.70	y	\$31.30	0.0%	Current fee achieves full cost recovery
510250	45519	19	ICP MS						
		19a)	ICP MS Scan	\$68.14	\$61.10	y	\$69.04	1.3%	To achieve full cost recovery
510250	45519	20	AA						
		20a)	Mercury	\$51.64	\$45.70	y	\$51.64	0.0%	Current fee achieves full cost recovery
510250	45519	21	Organics						
		21a)	Caffeine	\$147.92	\$132.30	y	\$149.50	1.1%	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

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

For general inquiries, please call 905 546 2424 ext 5834

2022 PROPOSED USER FEES AND CHARGES**PUBLIC WORKS
HAMILTON WATER**

Dept. By-Law #	Dept ID	Account #	Ref #	Service Offered	2021 including HST (if applicable)	2022 Proposed Fee	HST (y/n)	2022 including HST (if applicable)	% Fee Change	Basis for Fee Increase or Decrease
				ENVIRONMENTAL MONITORING & ENFORCEMENT To Regulate the Discharge of any Matter into the Sanitary, Combined, and Storm Sewer Systems.						
14-090	516175	47232	1	Annual Permit to Discharge Hauled Sewage Note: Cost for administration and processing of annual permits required to haul sewage within Hamilton	\$329.00	\$335.00	n	\$335.00	1.8%	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 m ³) or any part thereof	\$51.15	\$52.18	n	\$52.18	2.0%	To achieve full cost recovery
14-090	516175	41314	2b)	greater than 1000 (4.54 m ³) but less than or equal to 3500 Imperial gallons (15.9m ³)	\$51.15	\$52.18	n	\$52.18	2.0%	To achieve full cost recovery
14-090	516175	41314	2c)	greater than 3500 (15.9 m ³) but less than or equal to 5000 Imperial gallons (22.7 m ³)	\$102.30	\$104.35	n	\$104.35	2.0%	To achieve full cost recovery
14-090	516175	41314	2d)	greater than 5000 (22.7 m ³) but less than or equal to 8000 Imperial gallons (36.3 m ³)	\$153.45	\$156.53	n	\$156.53	2.0%	To achieve full cost recovery
14-090	516175	41314	2e)	greater than 8000 (36.3 m ³) but less than or equal to 10000 Imperial gallons (45.43 m ³)	\$204.60	\$208.70	n	\$208.70	2.0%	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 m ³) or any part thereof	\$51.15	\$52.18	n	\$52.18	2.0%	To achieve full cost recovery
14-090	516175	41314	3b)	greater than 1000 (4.54 m ³) but less than or equal to 3500 Imperial gallons (15.9m ³)	\$102.30	\$104.35	n	\$104.35	2.0%	To achieve full cost recovery
14-090	516175	41314	3c)	greater than 3500 (15.9 m ³) but less than or equal to 5000 Imperial gallons (22.7 m ³)	\$153.45	\$156.53	n	\$156.53	2.0%	To achieve full cost recovery
14-090	516175	41314	3d)	greater than 5000 (22.7 m ³) but less than or equal to 8000 Imperial gallons (36.3 m ³)	\$255.75	\$260.88	n	\$260.88	2.0%	To achieve full cost recovery
14-090	516175	41314	3e)	greater than 8000 (36.3 m ³) but less than or equal to 10000 Imperial gallons (45.43 m ³)	\$306.90	\$313.06	n	\$313.06	2.0%	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)	\$0.80	\$0.81	n	\$0.81	1.8%	To achieve full cost recovery
14-090	516080	41315	5b)	Total suspended solids (charge per kg)	\$0.64	\$0.66	n	\$0.66	2.7%	To achieve full cost recovery
14-090	516080	41315	5c)	Oil & grease (animal/vegetable) (charge per kg)	\$0.45	\$0.46	n	\$0.46	2.2%	To achieve full cost recovery
14-090	516080	41315	5d)	Total Kjeldahl Nitrogen (charge per kg)	\$1.02	\$1.04	n	\$1.04	2.0%	To achieve full cost recovery
14-090	516080	41315	5e)	Total Phosphorus (charge per kg)	\$1.89	\$2.20	n	\$2.20	16.4%	To achieve full cost recovery
14-090	516080	41317	6	Surcharge Discharge Fee (charge per m3)	\$1.82	\$1.89	n	\$1.89	3.8%	Equal to variable wastewater rate increase

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2022 PROPOSED USER FEES AND CHARGES**PUBLIC WORKS
HAMILTON WATER**

Dept. By-Law #	Dept ID	Account #	Ref #	Service Offered	2021 including HST (if applicable)	2022 Proposed Fee	HST (y/n)	2022 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	\$725.38	\$688.00	y	\$777.44	7.2%	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)	\$340.56	\$319.46	y	\$360.99	6.0%	To achieve full cost recovery
			8	Administrative Fees for Sewer Discharge Permits Note: 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 \$810.00 per quarter)						
14-090	510260	45532	8a)	Overstrength Discharge Permit (charged quarterly)	\$435.00	\$435.00	n	\$435.00	0.0%	Current fee achieves full cost recovery
14-090	510260	45532	8b)	Sanitary Discharge Permit (charged quarterly)	\$435.00	\$435.00	n	\$435.00	0.0%	Current fee achieves full cost recovery
14-090	510260	45532	8c)	Chloride Discharge Permit (charged quarterly)	\$435.00	\$435.00	n	\$435.00	0.0%	Current fee achieves full cost recovery
14-090	510260	45532	8d)	Compliance Discharge Permit (charged quarterly)	\$1,071.00	\$1,077.00	n	\$1,077.00	0.6%	To achieve full cost recovery
14-090	510260	45532	8e)	Conditional Discharge Permit (charged quarterly)	\$1,071.00	\$1,077.00	n	\$1,077.00	0.6%	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	\$173.88	\$195.73	y	\$221.17	27.2%	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)	\$1.39	\$1.25	y	\$1.41	1.6%	To achieve full cost recovery
			10b)	Wastewater Sampling Equipment Fee (per day)	\$44.84	\$40.47	y	\$45.73	2.0%	To achieve full cost recovery
			10c)	Wastewater Sampling Technician Fee (per hour) Mon - Fr	\$57.22	\$51.45	y	\$58.14	1.6%	To achieve full cost recovery
			10d)	Wastewater Sampling Technician Fee (per hour) Sa	\$85.83	\$77.17	y	\$87.20	1.6%	To achieve full cost recovery
			10e)	Wastewater Sampling Technician Fee (per hour) Sur	\$114.45	\$102.90	y	\$116.28	1.6%	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 \$1,071.00 per quarter).						

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2022 PROPOSED USER FEES AND CHARGES**PUBLIC WORKS**
HAMILTON WATER

Dept. By-Law #	Dept ID	Account #	Ref #	Service Offered	2021 including HST (if applicable)	2022 Proposed Fee	HST (y/n)	2022 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)	\$431.65	\$437.00	y	\$493.81	14.4%	To achieve full cost recovery
03-272	510260	45532	2	Annual Administration Fee	\$859.04	\$815.00	y	\$920.95	7.2%	To achieve full cost recovery

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CITY OF HAMILTON

2022 HAMILTON WATER, WASTEWATER AND STORM OPERATING BUDGET

COMBINED WATER, WASTEWATER AND STORM

	2021 RESTATED BUDGET	2021 PROJECTED ACTUAL	2022 REQUESTED BUDGET	CHANGE 2021 PROJECTED ACTUAL / 2021 RESTATED BUDGET	CHANGE 2022 REQUESTED / 2021 RESTATED BUDGET
	\$	\$	\$	\$ %	\$ %
<u>OPERATING EXPENDITURES:</u>					
Divisional Administration & Support	2,464,490	2,612,750	2,369,122	(148,260) (6.0%)	(95,368) (3.9%)
Woodward Upgrades	1,735,670	1,835,177	1,764,829	(99,507) (5.7%)	29,159 1.7%
Customer Service	325,250	247,934	329,279	77,317 23.8%	4,029 1.2%
Outreach & Education	1,093,813	758,530	1,111,320	335,283 30.7%	17,507 1.6%
Service Co-ordination	3,500,605	3,221,147	3,581,202	279,459 8.0%	80,597 2.3%
Engineering Systems & Data Collection	1,172,372	571,107	1,153,746	601,265 51.3%	(18,626) (1.6%)
Compliance & Regulations	1,005,054	959,455	1,019,823	45,600 4.5%	14,769 1.5%
Laboratory Services	3,553,884	3,705,037	3,743,598	(151,153) (4.3%)	189,714 5.3%
Environmental Monitoring & Enforcement	2,215,026	2,099,337	2,478,749	115,689 5.2%	263,723 11.9%
Water Distribution & Wastewater Collection	21,894,147	23,871,167	24,122,428	(1,977,020) (9.0%)	2,228,282 10.2%
Plant Operations	27,373,740	29,010,320	30,409,180	(1,636,580) (6.0%)	3,035,440 11.1%
Plant Maintenance	10,815,523	10,729,602	11,708,771	85,922 0.8%	893,248 8.3%
Capital Delivery	2,072,271	2,144,734	2,254,575	(72,463) (3.5%)	182,304 8.8%
Watershed Management	1,275,560	1,016,538	1,382,313	259,022 20.3%	106,753 8.4%
Infrastructure Planning & System Design	2,632,320	2,589,714	2,672,939	42,606 1.6%	40,619 1.5%
Wastewater Abatement Program	1,192,450	887,579	1,142,450	304,872 25.6%	(50,000) (4.2%)
Alectra Utilities Service Contract	5,712,000	5,733,291	5,826,240	(21,291) (0.4%)	114,240 2.0%
Corporate & Departmental Support Services	7,242,552	7,359,132	7,757,552	(116,580) (1.6%)	515,000 7.1%
Utilities Arrears Program	500,320	354,080	500,320	146,240 29.2%	- 0.0%
Sewer Lateral Management Program	300,000	299,796	300,000	204 0.1%	- 0.0%
Hamilton Harbour Remedial Action Plan	370,964	547,987	578,964	(177,023) (47.7%)	208,000 56.1%
Protective Plumbing Program (3P)	752,870	666,929	752,870	85,942 11.4%	- 0.0%
Financial Charges	86,020	86,020	86,020	- 0.0%	- 0.0%
	99,286,901	101,307,358	107,046,290	(2,020,458) (2.0%)	7,759,390 7.8%
Capital and Reserve Recoveries	(8,635,161)	(8,611,797)	(8,635,161)	(23,363) 0.3%	- 0.0%
Sub-Total	90,651,740	92,695,561	98,411,129	(2,043,821) (2.3%)	7,759,390 8.6%
<u>Capital and Reserve Impacts on Operating</u>					
<u>Contributions to Capital</u>					
Water Quality Initiatives	50,498,000	50,498,000	39,539,500	- 0.0%	(10,958,500) (21.7%)
Wastewater	57,237,984	57,237,984	73,784,138	- 0.0%	16,546,154 28.9%
Stormwater	17,632,679	17,632,679	11,765,000	- 0.0%	(5,867,679) (33.3%)
Sub-Total Contributions to Capital	125,368,663	125,368,663	125,088,638	- 0.0%	(280,025) (0.2%)
<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%

CITY OF HAMILTON

2022 HAMILTON WATER, WASTEWATER AND STORM OPERATING BUDGET

COMBINED WATER, WASTEWATER AND STORM

	2021	2021	2022	CHANGE		CHANGE	
	RESTATED BUDGET	PROJECTED ACTUAL	REQUESTED BUDGET	2021 PROJECTED / 2021 RESTATED BUDGET	ACTUAL	2022 REQUESTED / 2021 RESTATED BUDGET	
	\$	\$	\$	\$	%	\$	%
<u>OPERATING EXPENDITURES:</u>							
<u>Capital Debt Charges</u>							
Water Quality Initiatives	9,844,773	8,266,428	11,068,076	1,578,345	16.0%	1,223,303	12.4%
Wastewater	12,534,242	10,781,146	12,881,726	1,753,096	14.0%	347,484	2.8%
Stormwater	2,490,898	2,356,948	3,584,490	133,950	5.4%	1,093,592	43.9%
DC Debt Charges Recoveries	(4,335,428)	(4,335,426)	(5,185,120)	(2)	0.0%	(849,692)	19.6%
Sub-Total Debt Charges	20,534,485	17,069,096	22,349,172	3,465,389	16.9%	1,814,686	8.8%
Sub-Total Capital Financing	154,903,148	151,437,759	156,437,810	3,465,389	2.2%	1,534,661	1.0%
Reserve Transfers	-	(1,425,414)	3,001,973	1,425,414	0.0%	3,001,973	0.0%
Sub-Total Capital and Reserve Impacts on Operating	154,903,148	150,012,345	159,439,782	4,890,803	3.2%	4,536,634	2.9%
TOTAL EXPENDITURES	245,554,888	242,707,906	257,850,912	2,846,982	1.2%	12,296,024	5.0%
<u>REVENUES:</u>							
<u>Rate Revenue</u>							
Residential	107,653,756	110,053,756	113,919,774	2,400,000	2.2%	6,266,018	5.8%
Industrial/Commercial/Institutional/Multi-res	118,417,217	113,967,217	123,323,962	(4,450,000)	(3.8%)	4,906,745	4.1%
Haldimand	2,588,952	2,588,952	2,834,077	-	0.0%	245,125	9.5%
Halton	269,837	269,837	282,410	-	0.0%	12,573	4.7%
Raw Water	128,750	103,750	105,000	(25,000)	(19.4%)	(23,750)	(18.4%)
Non-Metered	880,000	880,000	825,000	-	0.0%	(55,000)	(6.3%)
Private Fire Lines	1,924,000	1,924,000	1,980,000	-	0.0%	56,000	2.9%
Hauler / 3rd Party Sales	1,400,000	1,950,000	1,820,000	550,000	39.3%	420,000	30.0%
Overstrength Agreements	3,210,510	3,012,854	3,306,825	(197,656)	(6.2%)	96,315	3.0%
Sewer Surcharge Agreements	6,224,456	5,600,130	6,511,190	(624,327)	(10.0%)	286,734	4.6%
Sub-Total Utility Rates	242,697,478	240,350,496	254,908,239	(2,346,982)	(1.0%)	12,210,761	5.0%
<u>Non-Rate Revenue</u>							
Local Improvement Recoveries	275,850	275,850	275,850	-	0.0%	-	0.0%
Permits / Leases / Agreements	1,065,050	565,050	1,107,652	(500,000)	(46.9%)	42,602	4.0%
Investment Income	450,000	450,000	450,000	-	0.0%	-	0.0%
General Fees and Recoveries	1,066,510	1,066,510	1,109,170	-	0.0%	42,660	4.0%
Sub-Total Non-Rate Revenue	2,857,410	2,357,410	2,942,672	(500,000)	(17.5%)	85,262	3.0%
TOTAL REVENUES	245,554,888	242,707,906	257,850,912	(2,846,982)	(1.2%)	12,296,023	5.0%
NET EXPENDITURES	-	-	-	-	0.0%	-	0.0%

CITY OF HAMILTON
2022 - 2025 HAMILTON WATER, WASTEWATER AND STORM OPERATING BUDGET
COMBINED WATER, WASTEWATER AND STORM

	2021 RESTATED BUDGET	2022 REQUESTED BUDGET	2023 PROJECTED BUDGET	2024 PROJECTED BUDGET	2025 PROJECTED BUDGET	CHANGE 2022 REQUESTED / 2021 RESTATED BUDGET		CHANGE 2023 PROJECTED / 2022 REQUESTED BUDGET		CHANGE 2024 PROJECTED / 2023 PROJECTED BUDGET	
	\$	\$	\$	\$	\$	\$	%	\$	%	\$	%
<u>OPERATING EXPENDITURES:</u>											
Divisional Administration & Support	2,464,490	2,369,122	2,463,886	2,562,442	2,664,940	(95,368)	(3.9%)	94,765	4.0%	98,555	4.0%
Woodward Upgrades	1,735,670	1,764,829	1,835,422	1,908,839	1,985,193	29,159	1.7%	70,593	4.0%	73,417	4.0%
Customer Service	325,250	329,279	342,450	356,148	370,394	4,029	1.2%	13,171	4.0%	13,698	4.0%
Outreach & Education	1,093,813	1,111,320	1,155,773	1,202,004	1,250,084	17,507	1.6%	44,453	4.0%	46,231	4.0%
Service Co-ordination	3,500,605	3,581,202	3,724,450	3,873,428	4,028,365	80,597	2.3%	143,248	4.0%	148,978	4.0%
Engineering Systems & Data Collection	1,172,372	1,153,746	1,199,896	1,247,892	1,297,808	(18,626)	(1.6%)	46,150	4.0%	47,996	4.0%
Compliance & Regulations	1,005,054	1,019,823	1,060,616	1,103,040	1,147,162	14,769	1.5%	40,793	4.0%	42,425	4.0%
Laboratory Services	3,553,884	3,743,598	3,893,342	4,049,076	4,211,039	189,714	5.3%	149,744	4.0%	155,734	4.0%
Environmental Monitoring & Enforcement	2,215,026	2,478,749	2,577,899	2,681,015	2,788,256	263,723	11.9%	99,150	4.0%	103,116	4.0%
Water Distribution & Wastewater Collection	21,894,147	24,122,428	25,087,325	26,090,818	27,134,451	2,228,282	10.2%	964,897	4.0%	1,003,493	4.0%
Plant Operations	27,373,740	30,409,180	31,625,548	32,890,570	34,206,192	3,035,440	11.1%	1,216,367	4.0%	1,265,022	4.0%
Plant Maintenance	10,815,523	11,708,771	12,177,122	12,664,207	13,170,775	893,248	8.3%	468,351	4.0%	487,085	4.0%
Capital Delivery	2,072,271	2,254,575	2,344,758	2,438,549	2,536,090	182,304	8.8%	90,183	4.0%	93,790	4.0%
Watershed Management	1,275,560	1,382,313	1,437,606	1,495,110	1,554,914	106,753	8.4%	55,293	4.0%	57,504	4.0%
Infrastructure Planning & System Design	2,632,320	2,672,939	2,779,856	2,891,050	3,006,692	40,619	1.5%	106,918	4.0%	111,194	4.0%
Wastewater Abatement Program	1,192,450	1,142,450	1,188,148	1,235,674	1,285,101	(50,000)	(4.2%)	45,698	4.0%	47,526	4.0%
Alectra Utilities Service Contract	5,712,000	5,826,240	6,059,290	6,301,661	6,553,728	114,240	2.0%	233,050	4.0%	242,372	4.0%
Corporate & Departmental Support Services	7,242,552	7,757,552	8,067,854	8,390,568	8,726,191	515,000	7.1%	310,302	4.0%	322,714	4.0%
Utilities Arrears Program	500,320	500,320	520,333	541,146	562,792	-	0.0%	20,013	4.0%	20,813	4.0%
Sewer Lateral Management Program	300,000	300,000	312,000	324,480	337,459	-	0.0%	12,000	4.0%	12,480	4.0%
Hamilton Harbour Remedial Action Plan	370,964	578,964	602,123	626,207	651,256	208,000	56.1%	23,159	4.0%	24,085	4.0%
Protective Plumbing Program (3P)	752,870	752,870	782,985	814,304	846,876	-	0.0%	30,115	4.0%	31,319	4.0%
Financial Charges	86,020	86,020	89,461	93,039	96,761	-	0.0%	3,441	4.0%	3,578	4.0%
	99,286,901	107,046,290	111,328,142	115,781,267	120,412,518	7,759,390	7.8%	4,281,852	4.0%	4,453,126	4.0%
Capital and Reserve Recoveries	(8,635,161)	(8,635,161)	(8,916,012)	(9,206,807)	(9,507,916)	-	0.0%	(280,852)	3.3%	(290,795)	3.3%
Sub-Total	90,651,740	98,411,129	102,412,129	106,574,460	110,904,602	7,759,390	8.6%	4,001,000	4.1%	4,162,331	4.1%
<u>Capital and Reserve Impacts on Operating</u>											
<u>Contributions to Capital</u>											
Water Quality Initiatives	50,498,000	39,539,500	72,200,000	84,925,500	94,721,500	(10,958,500)	(21.7%)	32,660,500	82.6%	12,725,500	17.6%
Wastewater	57,237,984	73,784,138	35,726,470	31,791,470	46,481,470	16,546,154	28.9%	(38,057,668)	(51.6%)	(3,935,000)	(11.0%)
Stormwater	17,632,679	11,765,000	19,640,000	24,345,000	14,255,000	(5,867,679)	(33.3%)	7,875,000	66.9%	4,705,000	24.0%
Sub-Total Contributions to Capital	125,368,663	125,088,638	127,566,470	141,061,970	155,457,970	(280,025)	(0.2%)	2,477,832	2.0%	13,495,500	10.6%
<u>Contributions for DC Exemptions</u>											
Water Quality Initiatives	2,520,000	2,520,000	2,520,000	2,520,000	2,520,000	-	0.0%	-	0.0%	-	0.0%
Wastewater	4,590,000	4,590,000	4,590,000	4,590,000	4,590,000	-	0.0%	-	0.0%	-	0.0%
Stormwater	1,890,000	1,890,000	1,890,000	1,890,000	1,890,000	-	0.0%	-	0.0%	-	0.0%
Sub-Total Contributions for DC Exemptions	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	-	0.0%	-	0.0%	-	0.0%
<u>Debt Charges</u>											
Water Quality Initiatives	9,844,773	11,068,076	16,537,103	22,672,618	29,346,565	1,223,303	12.4%	5,469,028	49.4%	6,135,514	37.1%
Wastewater	12,534,242	12,881,726	20,924,014	28,829,548	37,469,380	347,484	2.8%	8,042,288	62.4%	7,905,534	37.8%
Stormwater	2,490,898	3,584,490	4,530,697	5,128,028	5,611,572	1,093,592	43.9%	946,207	26.4%	597,331	13.2%
DC Debt Charges Recoveries	(4,335,428)	(5,185,120)	(13,797,266)	(22,250,437)	(30,740,212)	(849,692)	19.6%	(8,612,146)	166.1%	(8,453,171)	61.3%
Sub-Total Debt Charges	20,534,485	22,349,172	28,194,548	34,379,757	41,687,306	1,814,686	8.8%	5,845,376	26.2%	6,185,209	21.9%
Sub-Total Capital Financing	154,903,148	156,437,810	164,761,018	184,441,727	206,145,276	1,534,661	1.0%	8,323,208	5.3%	19,680,709	11.9%
Reserve Transfers	-	3,001,973	9,034,356	5,164,576	318,142	3,001,973	0.0%	6,032,384	200.9%	(3,869,780)	(42.8%)
Sub-Total Capital and Reserve Impacts on Operating	154,903,148	159,439,782	173,795,374	189,606,303	206,463,418	4,536,634	2.9%	14,355,592	9.0%	15,810,929	9.1%
TOTAL EXPENDITURES	245,554,888	257,850,912	276,207,504	296,180,764	317,368,019	12,296,024	5.0%	18,356,592	7.1%	19,973,260	7.2%

CITY OF HAMILTON
2022 - 2025 HAMILTON WATER, WASTEWATER AND STORM OPERATING BUDGET
COMBINED WATER, WASTEWATER AND STORM

	2021 RESTATED BUDGET	2022 REQUESTED BUDGET	2023 PROJECTED BUDGET	2024 PROJECTED BUDGET	2025 PROJECTED BUDGET	CHANGE 2022 REQUESTED / 2021 RESTATED BUDGET	CHANGE 2023 PROJECTED / 2022 REQUESTED BUDGET	CHANGE 2024 PROJECTED / 2023 PROJECTED BUDGET			
	\$	\$	\$	\$	\$	\$	%	\$	%	\$	%
REVENUES:											
Rate Revenue											
Residential	107,653,756	113,919,774	122,675,631	132,010,795	141,908,712	6,266,018	5.8%	8,755,857	7.7%	9,335,163	7.6%
Industrial/Commercial/Institutional/Multi-res	118,417,217	123,323,962	131,917,723	141,473,007	151,614,571	4,906,745	4.1%	8,593,761	7.0%	9,555,284	7.2%
Haldimand	2,588,952	2,834,077	3,140,316	3,497,108	3,879,469	245,125	9.5%	306,238	10.8%	356,793	11.4%
Halton	269,837	282,410	310,553	343,476	379,268	12,573	4.7%	28,142	10.0%	32,923	10.6%
Raw Water	128,750	105,000	109,200	113,568	118,111	(23,750)	(18.4%)	4,200	4.0%	4,368	4.0%
Non-Metered	880,000	825,000	860,000	890,000	930,000	(55,000)	(6.3%)	35,000	4.2%	30,000	3.5%
Private Fire Lines	1,924,000	1,980,000	2,059,200	2,141,568	2,227,231	56,000	2.9%	79,200	4.0%	82,368	4.0%
Hauler / 3rd Party Sales	1,400,000	1,820,000	1,892,800	1,968,512	2,047,252	420,000	30.0%	72,800	4.0%	75,712	4.0%
Overstrength Agreements	3,210,510	3,306,825	3,439,098	3,576,662	3,719,729	96,315	3.0%	132,273	4.0%	137,564	4.0%
Sewer Surcharge Agreements	6,224,456	6,511,190	6,771,637	7,042,503	7,324,203	286,734	4.6%	260,448	4.0%	270,865	4.0%
Sub-Total Utility Rates	242,697,478	254,908,239	273,176,158	293,057,199	314,148,546	12,210,761	5.0%	18,267,919	7.2%	19,881,040	7.3%
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	1,065,050	1,107,652	1,151,958	1,198,036	1,245,958	42,602	4.0%	44,306	4.0%	46,078	4.0%
Investment Income	450,000	450,000	450,000	450,000	450,000	-	0.0%	-	0.0%	-	0.0%
General Fees and Recoveries	1,066,510	1,109,170	1,153,537	1,199,679	1,247,666	42,660	4.0%	44,367	4.0%	46,141	4.0%
Sub-Total Non-Rate Revenue	2,857,410	2,942,672	3,031,345	3,123,565	3,219,474	85,262	3.0%	88,673	3.0%	92,220	3.0%
TOTAL REVENUES	245,554,888	257,850,912	276,207,504	296,180,764	317,368,019	12,296,023	5.0%	18,356,592	7.1%	19,973,260	7.2%
NET EXPENDITURES	(0)	-	-	-	-	0	0.0%	(0)	0.0%	(0)	0.0%

CITY OF HAMILTON
2022-2031 HAMILTON WATER, WASTEWATER & STORM OPERATING BUDGET
COMBINED WATER, WASTEWATER AND STORM
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	2021 Restated	2022 Requested	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast	2027 Forecast	2028 Forecast	2029 Forecast	2030 Forecast	2031 Forecast
OPERATING EXPENDITURES											
OPERATING COSTS	90,652	98,411	102,412	106,574	110,905	114,283	117,776	121,387	125,121	128,981	132,973
TOTAL OPERATING COSTS	90,652	98,411	102,412	106,574	110,905	114,283	117,776	121,387	125,121	128,981	132,973
CAPITAL & RESERVE IMPACTS ON OPERATING											
Contributions to Capital											
Water	50,498	39,540	72,200	84,926	94,722	87,332	70,004	74,393	77,821	75,734	71,991
Wastewater	57,238	73,784	35,726	31,791	46,481	72,871	78,996	82,656	89,186	90,106	100,696
Stormwater	17,633	11,765	19,640	24,345	14,255	10,265	32,055	34,265	33,855	32,215	33,355
Sub-total Contributions to Capital	125,369	125,089	127,566	141,062	155,458	170,468	181,055	191,314	200,862	198,055	206,042
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	9,845	11,068	16,537	22,673	29,347	33,702	34,795	35,057	35,325	33,856	33,779
Wastewater	12,534	12,882	20,924	28,830	37,469	44,805	50,966	56,025	59,603	58,873	58,812
Stormwater	2,491	3,584	4,531	5,128	5,612	5,826	6,129	6,717	7,176	7,317	7,026
DC Debt Charges Recoveries	(4,335)	(5,185)	(13,797)	(22,250)	(30,740)	(39,309)	(47,871)	(55,256)	(58,669)	(58,695)	(58,720)
Sub-total Debt Charges	20,534	22,349	28,195	34,380	41,687	45,024	44,019	42,543	43,435	41,351	40,898
Reserve Transfers	-	3,002	9,034	5,165	318	1,530	2,822	4,171	5,625	22,038	26,078
Sub-Total Capital & Reserve Impacts on Operating	154,903	159,440	173,795	189,606	206,463	226,022	236,897	247,028	258,922	270,445	282,018
TOTAL EXPENDITURES	245,555	257,851	276,208	296,181	317,368	340,306	354,674	368,416	384,043	399,426	414,991
REVENUES											
Residential	107,654	113,920	122,676	132,011	141,909	152,670	160,123	167,140	175,691	184,277	193,007
Industrial/Commercial/Institutional/Multi-res	118,417	123,324	131,918	141,473	151,615	162,636	168,666	174,493	180,646	186,505	192,365
Haldimand	2,589	2,834	3,140	3,497	3,879	4,301	4,454	4,595	4,737	4,866	4,995
Halton	270	282	311	343	379	420	434	448	463	476	490
Raw Water	129	105	109	114	118	122	125	129	133	137	141
Non-Metered	880	825	860	890	930	970	1,010	1,050	1,090	1,130	1,180
Private Fire Lines	1,924	1,980	2,059	2,142	2,227	2,294	2,363	2,434	2,507	2,582	2,659
Hauler / 3rd Party Sales	1,400	1,820	1,893	1,969	2,047	2,109	2,172	2,238	2,306	2,376	2,448
Overstrength Agreements	3,211	3,307	3,439	3,577	3,720	3,869	4,023	4,184	4,352	4,526	4,707
Sewer Surcharge Agreements	6,224	6,511	6,772	7,043	7,324	7,617	7,922	8,239	8,568	8,911	9,267
Non-Rate Revenue	2,857	2,943	3,031	3,124	3,219	3,299	3,381	3,465	3,552	3,641	3,732
TOTAL REVENUES	245,555	257,851	276,208	296,181	317,368	340,306	354,674	368,416	384,043	399,426	414,991
NET EXPENDITURES	(0)	-	-	-	-	-	-	-	-	-	-
Rate Increase	4.28%	4.98%	6.49%	6.45%	6.36%	6.46%	3.76%	3.29%	3.98%	3.76%	3.62%
RESIDENTIAL BILL (200m³ p.a.)	\$ 784.80	\$ 823.85	\$ 877.30	\$ 933.90	\$ 993.30	\$ 1,057.50	\$ 1,097.30	\$ 1,133.45	\$ 1,178.55	\$ 1,222.85	\$ 1,267.15

**City of Hamilton
Water System
2022 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	5142171328	Southcote - Garner to Highway 403 Bridge	3,040,000						1,520,000	-	1,520,000
	5142280280	First Road West Watermain - Bedrock to Glover Mountain	830,000		498,000				332,000	-	
	5142280281	Dickenson Road West Watermain - Garth Street Extension to 870m easterly	510,000						510,000	-	
Coordinated - Network Extension Total			4,380,000		498,000				1,520,000	-	1,520,000
Coordinated - Other	5142160501	Watermain Rehabilitation/Replacement Coordinated with Development	1,000,000						1,000,000	1,000,000	
	5142299999	Rates Projects Included in Tax Budget - NOT TO BE SET UP IN PEOPLESOFT	2,320,000						2,320,000	2,320,000	
Coordinated - Other Total			3,320,000						3,320,000	3,320,000	
Coordinated - Replacement	5142171303	Marion - Longwood to Dromore	440,000						440,000	440,000	
	5142271305	Glenmorris / Underhill / Sleepy Hollow / Wilmar (York Heights / Hunter NBHD)	1,000,000						1,000,000		1,000,000
	5142271312	Strathearne - Main to Britannia	900,000						900,000		900,000
	5142271306	Kelvin - Old Orchard to south end	100,000						100,000	100,000	
	5142271308	Concession / Mountain Brow - Upper Gage to Oakcrest	2,200,000						2,200,000		2,200,000
	5142271296	Governor's - Main to Ogilvie (Bridge 296)	400,000						400,000	400,000	
	5142271022	Burlington - James to Ferguson	1,200,000						1,200,000		1,200,000
	5142271214	Fairfield - Barton to Britannia	500,000						500,000		500,000
5142271325	CCBF - Corktown Neighbourhood	400,000					400,000	-			
Coordinated - Replacement Total			7,140,000					400,000	6,740,000	940,000	5,800,000
Coordinated Replacement (50/50)	5142170000	Rates Share of Road Reconstruction - NOT TO BE SET UP IN PEOPLESOFT	4,130,000						4,130,000	4,130,000	
Coordinated Replacement (50/50) Total			4,130,000						4,130,000	4,130,000	
Demolition / Disposal	5142067420	St. Joseph's Tank Pulsation Dampener (HD002STK)	440,000						440,000	440,000	
Demolition / Disposal Total			440,000						440,000	440,000	
Enhancement	5142166608	Lynden Water System - Phase 2 Treatment	110,000						110,000	110,000	
Enhancement Total			110,000						110,000	110,000	
Expansion / Extension	5141996951	Binbrook Feedermain via Fletcher (W-30)	2,530,000			2,530,000			-		
	5142260280	Upper Centennial Watermain Extension	500,000						500,000		500,000
Expansion / Extension Total			3,030,000			2,530,000			500,000		500,000
Feasibility Plans / EA's/ Studies	5141855777	Water infrastructure Analysis - Growth and Economic Opportunities	330,000						330,000	330,000	
	5142096520	Garner Road Trunk Watermain - Southcote to Wilson (W-09)	13,550,000			13,550,000			-		
	5142155010	Water Systems Planning Program	600,000						600,000	600,000	
	5142155022	Engineering Consultant Watermain Projects	400,000						400,000	400,000	
	5142155247	Alterations to the Drinking Water System	150,000						150,000	150,000	
	5142155556	Mapping Update Program	40,000						40,000	40,000	
	5142157545	Water - Computer Model	150,000						150,000	150,000	
	5142257000	Vertical Asset Management Program	280,000						280,000	280,000	
	5142255264	City-Wide Water Master Plan	280,000			280,000			-		
	5142255280	Airport Employment Growth District (AEGD) Water, Wastewater and Stormwater Master Plan Update	700,000			700,000			-		
	5142251112	Inventory Bar Coding System, Equipment & Consulting	200,000						200,000	200,000	
	5142257800	Water Facility Asset Management Implementation Plan	100,000						100,000	100,000	
	5142255851	Water Efficiency Plan/Program	115,000						115,000	115,000	
5142267510	Water System Studies & Continual Improvement Initiatives	1,100,000						1,100,000	1,100,000		
Feasibility Plans / EA's/ Studies Total			17,995,000			14,530,000			3,465,000	3,465,000	
Licenses	5142162073	Field Data Systems Program	210,000					100,000	110,000	110,000	
Licenses Total			210,000					100,000	110,000	110,000	

City of Hamilton
Water System
2022 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
New	5141495551	PD7 (Upper Stoney Creek/Glanbrook) Elevated Reservoir (W-23)	5,500,000			5,500,000			-		
	5141767650	New Greensville Communal Well	150,000						150,000	-	150,000
	5141895852	Carlisle Water Supply System - Additional Water Storage (CASH FLOWED)	900,000						900,000	-	900,000
	5142161502	Water Meter - Installation/Replacement/Repair - General Maintenance	4,270,000					640,000	3,630,000	3,630,000	
	5142151110	Fleet Additions	1,162,000					1,162,000	-	-	
	5142167840	PD9 & PD10 East Stoney Creek Booster Pumping Station	550,000						550,000	-	550,000
	5142467224	New PD2 Water Pumping Station (CASH FLOWED)	2,650,000						2,650,000		2,650,000
New Total			15,182,000			5,500,000	640,000	1,162,000	7,880,000	3,630,000	4,250,000
Rehabilitation / Renovation	5141567575	High Lift Pumping Station (HLPS) Improvements - Phase 2 (CASH FLOWED)	2,470,000						2,470,000	-	2,470,000
	5141760754	Kenilworth Transmission Watermain Renewal	600,000						600,000	600,000	
	5141761777	Beach Trunkmain Rehab	1,500,000						1,500,000	1,500,000	
	5141795850	Greenhill PS HD04B & HD05A Upgrades (W-28) (CASH FLOWED)	550,000			412,500			137,500	137,500	-
	5141867651	HD007 Highland Rd Reservoir Upgrades	170,000						170,000	170,000	
	5141967375	HDR01 Kenilworth and HDR1C Ben Nevis Reservoir Upgrades	330,000						330,000	330,000	
	5142067450	Lee Smith Reservoir (HDR00) Upgrades	170,000						170,000	170,000	
	5142111101	Road Cut Restoration Program	7,965,000					5,400,000	2,565,000	-	-
	5142157626	Critical Watermain Inspection Program	731,000						131,000	600,000	600,000
	5142160072	Watermain Structural Lining	5,300,000					5,300,000	-	-	-
	5142166713	Water Maintenance Capital Program	1,000,000						1,000,000	1,000,000	
	5142169075	City Environmental Lab Improvements Program	340,000						340,000	340,000	
	5142166110	Water Treatment Plant - Process Upgrades Phase 2 (CASH FLOWED)	1,378,000			627,000			751,000	11,000	740,000
	5142167420	HDR18 Glanaster Reservoir Upgrades	440,000						440,000	-	440,000
	5142167421	HDR11 Woodley Lane Reservoir Upgrades	170,000						170,000	170,000	
	5142261741	Resetting or Adjusting of Water Utility Structures	250,000						250,000	250,000	
	5142261240	Woodward Treatment Plant Filter Building - Flume Watermain Lining	2,000,000						2,000,000	2,000,000	
	5142267585	Diesel Fuel Storage Compliance Upgrades	500,000						500,000	500,000	
	5141966420	Woodward WTP Chlorine Chemical Building	1,380,000						1,380,000		1,380,000
	5142266712	Water Maintenance - Rebuild, Replacement and New Capital	400,000						400,000	400,000	
5142266220	Water Treatment Plant - Clearwells Concrete Restoration Upgrades	600,000						600,000	600,000		
5142266320	Woodward Water Treatment Plant - Low Lift Pumping Station Intake Repairs	830,000						830,000	830,000		
Rehabilitation / Renovation Total			29,074,000			1,039,500	10,700,000	2,696,000	14,638,500	9,608,500	5,030,000
Replacement	5141567273	Main / Whitney Pumping Station Replacement and Decommissioning	140,000						140,000	140,000	
	5141595553	PS HD12A (Governors @ Huntingwood) Rebuild with Capacity Upgrade & Standby Power Installation (W-04)	220,000			165,000			55,000	55,000	
	5141966151	SCADA Maintenance Program	150,000						150,000	150,000	
	5142066310	WTP Pre-Treatment Isolation Valves	550,000						550,000	550,000	
	5142149555	QA-QC Service Contract Program	290,000					140,000	150,000	150,000	
	5142160080	Valve Replacement Program	3,780,000					1,170,000	2,610,000	2,610,000	
	5142160577	Metallic Watermain Condition Assessment Program	815,000					185,000	630,000	630,000	
	5142160711	PW Capital Water Consumption Program	250,000						250,000	250,000	
	5142160750	Unscheduled Valve, Hydrant, Watermain & Misc Water Replace Program	2,850,000					1,300,000	1,550,000	1,550,000	
	5142162078	Substandard Water Service Replacement Program	2,350,000						2,350,000	2,350,000	
	5142271318	Eastmount Neighbourhood - Water	210,000					50,000	160,000	160,000	
	5142260081	Large Valve Replacement - Nash	2,000,000		2,000,000				-	-	
5142260082	Large Valve Replacement - Longwood and Glenside	1,000,000		1,000,000				-	-		
Replacement Total			14,605,000	3,000,000		165,000	1,300,000	1,545,000	8,595,000	8,595,000	

**City of Hamilton
Water System
2022 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
Safety/ Security	5142266871	Hamilton Water Capital Security Plan	1,030,000						1,030,000	1,030,000	
	5142266351	Woodward SCADA OT (Operating Technology) Security Program	125,000						125,000	125,000	
Safety/ Security Total			1,155,000						1,155,000	1,155,000	
Staffing Costs	5142101099	Engineering Services Staffing Costs - Water	4,500,000					464,000	4,036,000	4,036,000	
Staffing Costs Total			4,500,000					464,000	4,036,000	4,036,000	
Grand Total			105,271,000	3,000,000	498,000	26,126,500	12,640,000	6,367,000	56,639,500	39,539,500	17,100,000

City of Hamilton
Wastewater System
2022 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	5162180187	Garner Road Trunk Sanitary Sewer - Hwy 6 w/o Raymond - CASH FLOW	4,000,000			4,000,000			-		
	5162280280	Dewitt Road Sanitary Sewer - Barton to SSR	1,000,000		500,000				500,000	500,000	
	5162280281	Dickenson Road West Sanitary Sewer - Garth Street Extension to Upper James Street	2,670,000			2,670,000			-		
	5162280282	Fifty Road Trunk Sanitary Sewer	1,300,000			1,300,000			-		
	5162280284	Shaver Road Sanitary Sewer - Osprey to hydro corridor	600,000			600,000			-		
Coordinated - Network Extension Total			9,570,000		500,000	8,570,000			500,000	500,000	
Coordinated - Replacement	5162171015	Sewer Lateral Replacement for Co-ordinated Projects	600,000					100,000	500,000	500,000	
	5162171025	Dewitt - Highway 8 to Barton	1,040,000						1,040,000	1,040,000	
	5162271012	Strathearne - Main to Britannia - Sewer Laterals	170,000						170,000	170,000	
	5162271306	Kelvin - Old Orchard to south end	60,000						60,000	60,000	
	5162272205	Glenmorris / Underhill / Sleepy Hollow / Wilmar (York Heights / Hunter NBHD)	1,250,000					1,250,000	-		
	5162271308	Concession / Mountain Brow - Upper Gage to Oakcrest	150,000						150,000	150,000	
	5162271021	Westdale South Neighbourhood (Central)	30,000						30,000	30,000	
	5162271296	Governor's - Main to Ogilvie (Bridge 296)	380,000						380,000	380,000	
	5162271022	Burlington - James to Ferguson	440,000					240,000	200,000	200,000	
	5162271109	Scenic - Mohawk to Chateau	70,000						70,000	70,000	
	5162271214	Fairfield - Barton to Britannia	250,000						250,000	250,000	
	5162271303	Marion - Longwood to Dromore	180,000						180,000	180,000	
	Coordinated - Replacement Total			4,620,000					1,590,000	3,030,000	3,030,000
Demolition / Disposal	5162068851	Pier 25 Dredging - Windermere Basin	13,250,000						13,250,000	13,250,000	
Demolition / Disposal Total			13,250,000						13,250,000	13,250,000	
Enhancement	5162241350	Pilot solar power installation at a Class B Hamilton Water facility	150,000						150,000	150,000	-
	5162268757	Lower Chedoke Combined EA Study	280,000				280,000		-	-	
	5162268767	Chedoke Watershed Stormwater Retrofit EA Study	280,000				280,000		-	-	
Enhancement Total			710,000				560,000		150,000	150,000	-
Expansion / Extension	5161966102	Woodward WWTP - Expansion (CASH FLOWED)	4,500,000			4,500,000			-		
	5162280283	370 Garner Road Pumping Station (AEGD)	3,500,000		3,500,000				-		
Expansion / Extension Total			8,000,000		3,500,000	4,500,000			-		
Feasibility Plans / EA's/ Studies	5161555264	City-Wide Wastewater Master Plan	280,000			280,000			-		
	5161855777	Wastewater infrastructure Analysis - Growth and Economic Opportunities	550,000						550,000	550,000	
	5162055800	Sewer Outfall Monitoring Study	500,000						500,000	500,000	
	5162095800	Flooding & Drainage Master Plan Capital Improvements	450,000						450,000	450,000	
	5162149555	QA-QC Service Contract Program	150,000						150,000	150,000	
	5162155010	Wastewater Systems Planning Program	600,000						600,000	600,000	
	5162155022	Engineering Consultant Sewermain Projects	500,000						500,000	500,000	
	5162155556	Mapping Update Program	40,000						40,000	40,000	
	5162155878	Forcemain Condition Assessment Program	626,000					356,000	270,000	270,000	
	5162157545	Wastewater Computer Model Update & Maintenance	220,000						220,000	220,000	
	5162167752	Wastewater Outstation Inspections - Asset Management Program	1,020,000						1,020,000	1,020,000	
	5162168777	Chedoke Creek Water Quality Improvements (CASH FLOWED)	9,050,000				9,050,000		-	-	
	5162562543	CSO Characterization Program	170,000						170,000	170,000	
	5162255242	Combined Sewer Outfall Monitoring Study	600,000						600,000	600,000	
	5162255800	Inflow & Infiltration Study for New Subdivisions	550,000						550,000	550,000	
	5162262305	Iona Avenue Sewer Improvements	330,000						330,000	330,000	
	5162257800	Wastewater Facility Asset Management Implementation Plan	100,000						100,000	100,000	
Feasibility Plans / EA's/ Studies Total			15,736,000		-	280,000	9,050,000	356,000	6,050,000	6,050,000	
Licenses	5162162073	Field Data Systems Program	110,000						110,000	110,000	
Licenses Total			110,000						110,000	110,000	

City of Hamilton
Wastewater System
2022 Capital Budget Project List
 (\$) Appendix "D" to Item 2 of GIC Report 21-025, Page 2 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
New	5161696452	Airport Lands Dickenson Rd Trunk Sewer (WW-27, WW-26, WW-28) (CASH FLOWED)	20,300,000			20,300,000			-		
	5162280285	Drop Structure Installation - Upper Centennial Trunk Sewer Manhole #10	500,000						500,000	500,000	
New Total			20,800,000			20,300,000			500,000	500,000	
Rehabilitation / Renovation	5160866801	Woodward WWTP - Clean Harbour (CASH FLOWED)	37,895,253	-		5,067,000	-		32,828,253	6,478,253	26,350,000
	5160966910	Woodward WWTP - Biosolids Management Facility	2,770,000			523,530	-		2,246,470	2,246,470	
	5161966511	Woodward WWTP - Digester 3 & 5 (CASH FLOWED)	4,710,000						4,710,000	4,710,000	
	5162067425	Hillside SPS (DC006) Upgrades	280,000						280,000	280,000	
	5162366420	Woodward WWTP - Primary Clarifiers (Galleries 1-8)	1,100,000						1,100,000	1,100,000	
	5162111101	Road Cut Restoration Program	2,315,000					515,000	1,800,000	1,800,000	
	5162160302	Emergency Repairs - Cross Connections Program	1,470,000					1,170,000	300,000	300,000	
	5162160390	Wastewater System Lining Program	4,050,000					400,000	3,650,000	3,650,000	
	5162160522	Sewer Lateral Management Program (WWC)	4,000,000						4,000,000	4,000,000	
	5162160533	Trenchless Manhole Rehabilitation	250,000					70,000	180,000	180,000	
	5162160574	Capital Programming Sewer Inspection & Assessment	1,150,000					450,000	700,000	700,000	
	5162160575	Mainline Sewer Condition Assessment Program	2,030,000					890,000	1,140,000	1,140,000	
	5162160576	Sewer Lateral Condition Assessment Program	790,000					540,000	250,000	250,000	
	5162161444	Sewer Lateral Replace/Rehab Program	3,620,000					520,000	3,100,000	3,100,000	
	5162169075	City Environmental Lab Improvements Program	340,000						340,000	340,000	
	5162167501	Odour Control Program & Media Replacement	1,000,000						1,000,000	1,000,000	
	5162167420	DC007 McMaster Sewage Pumping Station Upgrades	330,000						330,000	330,000	
	5162261741	Resetting or Adjusting of Wastewater Utility Structures	250,000						250,000	250,000	
	5162262250	Eastern Sewer Interceptor (ESI) - South Service - Fruitland to Green	8,000,000					3,067,585	4,932,415	4,932,415	
	5162267375	Beach Boulevard (HC051) Wastewater Pump Station Upgrades	440,000						440,000	440,000	
5162267376	Rockcliffe (DC015) Wastewater Pumping Station Upgrades	990,000						990,000	990,000		
5162266911	Woodward WWTP - North Digester Complex Rehabilitation (CASH FLOW)	3,450,000						3,450,000	3,450,000		
5162267585	Diesel Fuel Storage Compliance Upgrades	1,100,000						1,100,000	1,100,000		
5162166810	Woodward WWTP - Maintenance Building (CASH FLOWED)	500,000						500,000	500,000		
5162266712	Wastewater Maintenance - Rebuild, Replacement and New Capital	600,000						600,000	600,000		
5165522888	Mill St Bridge - Sanitary Sewer Erosion Protection	350,000						350,000	350,000		
Rehabilitation / Renovation Total			83,780,253	-		5,590,530	3,067,585	4,555,000	70,567,138	44,217,138	26,350,000
Relocation	5162255900	EA - McMaster Innovation Park (MIP) Storm Sewer Relocation	5,650,000						5,650,000		5,650,000
Relocation Total			5,650,000						5,650,000		5,650,000
Replacement	5161966151	SCADA Maintenance Program	150,000						150,000	150,000	
	5162160577	Mainline Sewer Condition Assessment for Compliance & Regulations	219,000					119,000	100,000	100,000	
	5162160711	PW Capital Water Consumption Program	250,000						250,000	250,000	
	5162160820	Open Cut Repairs for CIPP Program	620,000					120,000	500,000	500,000	
	5162161740	Unscheduled Manhole and Sewermain Replacement Program	750,000						750,000	750,000	
	5162171074	Contingency for Unscheduled Works Program	180,000						180,000	180,000	
Replacement Total			2,169,000					239,000	1,930,000	1,930,000	
Safety/ Security	5162266351	Woodward SCADA OT (Operating Technology) Security Program	125,000						125,000	125,000	
Safety/ Security Total			125,000						125,000	125,000	
Staffing Costs	5162101099	Engineering Services Staffing Costs - Wastewater	4,500,000					578,000	3,922,000	3,922,000	
Staffing Costs Total			4,500,000					578,000	3,922,000	3,922,000	
Grand Total			169,020,253	-	4,000,000	39,240,530	12,677,585	7,318,000	105,784,138	73,784,138	32,000,000

City of Hamilton
Storm Water Management
2022 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	5182271328	Southcote - Garner to Highway 403 Bridge	1,500,000						-	1,500,000	
Coordinated - Network Extension Total			1,500,000						-	1,500,000	
Coordinated - Replacement	5182172205	Glenmorris / Underhill / Sleepy Hollow / Wilmar (York Heights / Hunter NBHD)	1,880,000				1,880,000		-	-	
	5182271226	Mud St (Phase 02) - Isaac Brock Dr to Upper Centennial Pkwy	180,000						-	180,000	
	5182271312	Streathearne - Main to Britannia	1,000,000						-	1,000,000	
Coordinated - Replacement Total			3,060,000				1,880,000		-	1,180,000	
Enhancement	5181823155	South St E and East St S in Dundas Drainage Improvement - SERG	110,000						-	110,000	
	5181872295	SERG - Winona Area Drainage Improvements	440,000						-	440,000	
	5181967500	DMAF- CSO Backflow Preventors	390,000						-	390,000	
	5182255688	EA for Rosedale Stormwater Management Facility - Outlet to Red Hill Creek	450,000						-	450,000	
Enhancement Total			1,390,000						-	1,390,000	
Expansion / Extension	5182280290	SWMP SL12 Block 3 (1090 Barton Street)	10,330,000			10,330,000			-		
	5182280291	SWMP SM21 Nash 2/3 Development	4,745,000			4,745,000			-		
	5182280292	SWMP SM17 198 Highland Road West	4,085,000			4,085,000			-		
Expansion / Extension Total			19,160,000			19,160,000			-		
Feasibility Plans / EA's/ Studies	5182095800	Flooding & Drainage Master Plan Capital Improvements	450,000						-	450,000	
	5182117550	Concrete Box Culvert Rehab/Repair - Engineering Services	250,000						-	250,000	
	5182149555	QA-QC Service Contract Program	150,000						-	150,000	
	5182155421	Stormwater System Planning Program	380,000						-	380,000	
	5182155556	Mapping Update Program	40,000						-	40,000	
	5182174951	Shoreline Protection Program	150,000						-	150,000	
	5182174680	Storm Sewer Network Planning - Transportation Program	260,000						-	260,000	
	5182255210	Storm Water Outfall Investigations	300,000						-	300,000	
Feasibility Plans / EA's/ Studies Total			1,980,000						-	1,980,000	
Licenses	5182162073	Field Data Systems Program	110,000						-	110,000	
Licenses Total			110,000						-	110,000	
Rehabilitation / Renovation	5181767723	Grafton and Centennial Stormwater Pumping Stations - Standby Power	450,000						-	450,000	
	5182117152	Right of Way Drainage Program	1,500,000				1,500,000		-	-	
	5182117549	Concrete Box Culvert Rehab/Repair - T.O.M.	500,000					500,000	-	-	
	5182160533	Trenchless Manhole Rehabilitation	70,000						-	70,000	
	5182160622	SWM Facility Maintenance Program	1,500,000				220,000		-	1,280,000	
	5182160722	Municipal Drain Program	100,000		75,000				-	25,000	
5182274950	Watercourse and Drainage Channel Maintenance	1,445,000					545,000	-	900,000		
Rehabilitation / Renovation Total			5,565,000		75,000		1,720,000	1,045,000	-	2,725,000	
Replacement	5182017040	Highway 97 - Culvert Improvement Project	300,000						-	300,000	
	5182117458	Catch Basin Replacement/Rehabilitation Program	1,000,000					500,000	-	500,000	
	5182161740	Unscheduled Manhole and Sewermain Replacement Program	50,000						-	50,000	
	5182172074	Contingency for Unscheduled Works Program	180,000						-	180,000	
	5182260220	Culvert FLA-3008 - Old Brock Rd 100m w/o Brock	150,000						-	150,000	
Replacement Total			1,680,000					500,000	-	1,180,000	
Staffing Costs	5182101099	Engineering Services Staffing Costs - Storm	1,700,000						-	1,700,000	
Staffing Costs Total			1,700,000						-	1,700,000	
Grand Total			36,145,000		75,000	19,160,000	3,600,000	1,545,000	-	11,765,000	

CITY OF HAMILTON
2022 Rate Program Capital Budget Summary
(\$000'S)

							Financing Source	
Gross Costs	Subsidy/ Other Revenues	Development Charges	WIP / Other Internal Sources	Reserves	Net Cost	Contribution From Operating	External Borrowings (Debentures)	
2022 Coordinated - Network Extension	15,450	998	10,932	-	-	3,520	2,000	1,520
Coordinated - Other	3,320	-	-	-	-	3,320	3,320	-
Coordinated - Replacement	14,820	-	-	1,990	1,880	10,950	5,150	5,800
Coordinated Replacement (50/50)	4,130	-	-	-	-	4,130	4,130	-
Demolition / Disposal	13,690	-	-	-	-	13,690	13,690	-
Enhancement	2,210	-	-	-	560	1,650	1,650	-
Expansion / Extension	30,190	3,500	26,190	-	-	500	-	500
Feasibility Plans / EA's/ Studies	35,711	-	14,810	356	9,050	11,495	11,495	-
Licenses	430	-	-	100	-	330	330	-
New	35,982	-	25,800	1,162	640	8,380	4,130	4,250
Rehabilitation / Renovation	118,419	75	6,630	8,296	15,488	87,931	56,551	31,380
Relocation	5,650	-	-	-	-	5,650	-	5,650
Replacement	18,454	-	165	2,284	1,300	14,705	14,705	-
Safety/ Security	1,280	-	-	-	-	1,280	1,280	-
Staffing Costs	10,700	-	-	1,042	-	9,658	9,658	-
Total	310,436	4,573	84,527	15,230	28,918	177,189	128,089	49,100

**CITY OF HAMILTON
2022 - 2031 WATER / WASTEWATER / STORM CAPITAL FINANCING PLAN
(\$'s)**

	<u>2021</u>	<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>2022 - 2031</u>
NET EXPENDITURES FORECAST												
WASTEWATER (NET)	86,083,000	105,784,138	54,946,470	74,211,470	79,711,470	77,101,470	78,996,470	82,656,470	100,186,470	90,106,470	100,696,470	844,397,368
WATER (NET)	69,798,000	56,639,500	80,700,000	104,925,500	104,721,500	87,332,000	76,204,000	79,393,000	77,821,000	75,734,000	71,990,550	815,461,050
STORM (NET)	19,287,000	11,765,000	19,640,000	24,345,000	14,255,000	10,265,000	40,605,000	41,115,000	39,355,000	32,215,000	33,355,000	266,915,000
TOTAL NET EXPENDITURES	175,168,000	174,188,638	155,286,470	203,481,970	198,687,970	174,698,470	195,805,470	203,164,470	217,362,470	198,055,470	206,042,020	1,926,773,418
SOURCE OF FINANCING												
DEBT ISSUES	48,000,000	49,100,000	16,220,000	57,420,000	43,230,000	4,230,000	14,750,000	11,850,000	16,500,000	0	0	213,300,000
TRANSFER FROM OPERATING	125,368,663	125,088,638	139,066,470	146,061,970	155,457,970	170,468,470	181,055,470	191,314,470	200,862,470	198,055,470	206,042,020	1,713,473,418
TOTAL CAPITAL FINANCING	173,368,663	174,188,638	155,286,470	203,481,970	198,687,970	174,698,470	195,805,470	203,164,470	217,362,470	198,055,470	206,042,020	1,926,773,418
OPERATING BUDGET IMPACT												
TRANSFER FROM OPERATING	125,368,663	125,088,638	139,066,470	146,061,970	155,457,970	170,468,470	181,055,470	191,314,470	200,862,470	198,055,470	206,042,020	1,713,473,418
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)	22,391,526	22,349,172	28,194,548	34,379,757	41,687,306	45,024,078	44,019,392	42,542,948	43,434,587	41,350,652	40,897,791	383,880,231
TOTAL CAPITAL FINANCING COSTS	156,760,189	156,437,810	176,261,018	189,441,727	206,145,276	224,492,548	234,074,862	242,857,418	253,297,057	248,406,122	255,939,811	2,187,353,649

CITY OF HAMILTON 2022-2031 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 \$
2022	310,436	310,436	7,573	84,527	44,148	125,089	49,100
2023	223,117	223,117	75	58,116	9,640	139,066	16,220
2024	291,280	284,557	75	75,359	5,640	146,062	57,420
2025-2031	1,617,698	1,847,458	525	448,637	4,480	1,303,256	90,560
TOTAL	2,442,531	2,665,568	8,248	666,638	63,908	1,713,473	213,300

HAMILTON WATER
2022 RATE SUPPORTED STAFFING SUMMARY

Deptid	Deptid Description	2021	2022	2022	2022	2022
		RESTATED	MAINTENANCE	PROGRAM CHANGES	REQUESTED	REQUESTED vs. 2021 RESTATED
510200	Director Hamilton Water	2.00	2.00	0.00	2.00	0.00
510202	Project Management Office	5.00	5.00	0.00	5.00	0.00
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	0.00	22.00	0.00
510230	Engineering Systems & Data Collection	9.00	9.00	0.00	9.00	0.00
510240	Compliance & Regulations	7.00	7.00	1.00	8.00	1.00
510250	Laboratory Services	25.00	25.00	0.00	25.00	0.00
510260	Environmental Monitoring & Enforcement	16.00	16.00	1.00	17.00	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	0.00	20.00	0.00
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	21.00	21.00	2.00	23.00	2.00
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	6.00	6.00	3.00	9.00	3.00
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	6.00	6.00	1.00	7.00	1.00
510323	Plant Technical Services	5.00	5.00	1.00	6.00	1.00
510330	Plant Operations	44.00	44.00	1.00	45.00	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	0.00	5.00	0.00
Total RATE Supported Staff		337.65	337.65	10.00	347.65	10.00

2022 Rate Budget - Business Case Summary

DEPARTMENT: Public Works

DIVISION	SERVICE / PROGRAM	DESCRIPTION OF PROGRAM ENHANCEMENT	2022 IMPACT			ANNUALIZED IMPACT
			\$ GROSS	\$ NET	FTE Impact	\$ NET
Hamilton Water	Compliance & Regulations	Technologist for ongoing administration of the Wastewater Quality Management System and new consolidated ministry approvals. <u>NOTE:</u> Council approved a 2 year temporary assignment and requested staff report back in 2022 (Report FCS18087).	\$ 105,000	\$ -	1.00	\$ -
Hamilton Water	Compliance & Regulations	Environmental Enforcement Officer to support the new Construction Dewatering Program. <u>NOTE:</u> This position will be fully cost recovered from users fees applicable under the new program.	\$ 105,000	\$ -	1.00	\$ -
Hamilton Water	Water Distribution	Two Water Distribution Technologists / Inspectors to support the new Leak Detection Program across the city's drinking water system.	\$ 243,500	\$ 243,500	2.00	\$ 243,500
Hamilton Water	Plant Operations	Quality Assurance Analyst to support increasing compliance regulations.	\$ 87,500	\$ 87,500	1.00	\$ 87,500
Hamilton Water	Plant Operations	Superintendent to support increasing wastewater compliance requirements.	\$ 163,000	\$ 163,000	1.00	\$ 163,000
Hamilton Water	Plant Operations	Process Technologist to support increasing compliance regulations.	\$ 106,000	\$ 106,000	1.00	\$ 106,000
Hamilton Water	Plant Operations	Project Manager to administer the third party Biosolids Contract. <u>NOTE:</u> This position will result in a contractual expenditure budget reduction.	\$ 139,000	\$ 64,000	1.00	\$ 64,000
Hamilton Water	Plant Maintenance and Technical Services	Project Manager to support the Facility Compliance Program.	\$ 134,000	\$ 134,000	1.00	\$ 134,000
Hamilton Water	Plant Maintenance and Technical Services	Project Manager to administer Cyber Security Program for the SCADA System.	\$ 119,000	\$ 119,000	1.00	\$ 119,000
Divn Subtotal			\$ 1,202,000	\$ 917,000	10.00	\$ 917,000
DEPARTMENT TOTAL			\$ 1,202,000	\$ 917,000	10.00	\$ 917,000