

CITY OF HAMILTON
2020 HAMILTON WATER OPERATING BUDGET
COMBINED WATER, WASTEWATER AND STORM

	2019 RESTATE D BUDGET	2019 PROJECTED ACTUAL	2020 REQUESTED BUDGET	CHANGE 2019 PROJECTED ACTUAL / 2019 RESTATE D BUDGET		CHANGE 2020 REQUESTED / 2019 RESTATE D BUDGET	
	\$	\$	\$	\$	%	\$	%
OPERATING EXPENDITURES:							
Divisional Administration & Support	2,242,620	2,242,620	1,408,041	(0)	(0.0%)	(834,579)	(37.2%)
Woodward Upgrades	1,524,540	1,524,540	1,108,390	-	0.0%	(416,150)	(27.3%)
Customer Service	421,610	421,610	254,823	-	0.0%	(166,787)	(39.6%)
Outreach & Education	1,350,860	1,300,860	1,239,577	50,000	3.7%	(111,283)	(8.2%)
Service Co-ordination	4,251,610	3,785,610	3,745,588	466,000	11.0%	(506,022)	(11.9%)
Engineering Systems & Data Collection	1,286,870	1,286,870	1,351,831	-	0.0%	64,961	5.0%
Compliance & Regulations	871,210	871,210	976,984	-	0.0%	105,774	12.1%
Laboratory Services	3,527,640	3,527,640	3,660,204	-	0.0%	132,564	3.8%
Environmental Monitoring & Enforcement	1,818,020	1,818,020	1,778,256	-	0.0%	(39,764)	(2.2%)
Water Distribution & Wastewater Collection	21,369,840	21,369,840	22,014,201	-	0.0%	644,361	3.0%
Plant Operations & Maintenance	41,383,390	39,383,390	33,449,649	2,000,000	4.8%	(7,933,741)	(19.2%)
Capital Delivery	1,859,660	1,859,660	1,595,011	-	0.0%	(264,649)	(14.2%)
Sustainable Initiatives	1,497,370	1,497,370	1,431,094	-	0.0%	(66,276)	(4.4%)
Infrastructure Planning & System Design	2,314,770	2,314,770	1,877,476	-	0.0%	(437,294)	(18.9%)
Wastewater Abatement Program	1,150,000	1,150,000	1,150,040	-	0.0%	40	0.0%
Alectra Utilities Service Contract	5,700,000	5,400,000	5,600,000	300,000	5.3%	(100,000)	(1.8%)
Corporate & Departmental Support Services	6,432,040	6,432,040	6,977,580	-	0.0%	545,540	8.5%
Utilities Arrears Program	500,000	500,000	500,080	-	0.0%	80	0
Sewer Lateral Management Program	500,000	500,000	414,738	-	0.0%	(85,262)	(0)
Hamilton Harbour Remedial Action Plan	395,000	395,000	382,550	-	0.0%	(12,450)	(3.2%)
Protective Plumbing Program (3P)	1,250,000	885,034	1,250,000	364,966	29.2%	-	0.0%
Financial Charges	177,000	177,000	86,019	-	0.0%	(90,981)	(51.4%)
	101,824,050	98,643,084	92,252,132	3,180,966	3.1%	(9,571,918)	(9.4%)
Capital and Reserve Recoveries	(6,099,580)	(6,099,580)	(6,029,550)	0	(0.0%)	70,030	(1.1%)
Sub-Total	95,724,470	92,543,504	86,222,582	3,180,966	3.3%	(9,501,888)	(9.9%)
Capital and Reserve Impacts on Operating							
Contributions to Capital							
Water Quality Initiatives	51,762,000	51,762,000	50,296,000	-	-	(1,466,000)	(2.8%)
Wastewater	42,837,000	42,837,000	52,673,000	-	-	9,836,000	23.0%
Stormwater	3,205,000	3,205,000	15,685,000	-	-	12,480,000	389.4%
Sub-Total Contributions to Capital	97,804,000	97,804,000	118,654,000	-	-	20,850,000	21.3%
Contributions for DC Exemptions							
Water Quality Initiatives	2,547,000	2,547,000	2,240,000	-	-	(307,000)	(12.1%)
Wastewater	4,590,000	4,590,000	4,080,000	-	-	(510,000)	(11.1%)
Stormwater	1,863,000	1,863,000	1,680,000	-	-	(183,000)	(9.8%)
Sub-Total Contributions for DC Exemptions	9,000,000	9,000,000	8,000,000	-	-	(1,000,000)	(11.1%)

CITY OF HAMILTON
2020 HAMILTON WATER OPERATING BUDGET
COMBINED WATER, WASTEWATER AND STORM

OPERATING EXPENDITURES:**Capital Debt Charges**

	2019 RESTATED BUDGET	2019 PROJECTED ACTUAL	2020 REQUESTED BUDGET	CHANGE 2019 PROJECTED ACTUAL / 2019 RESTATED BUDGET		CHANGE 2020 REQUESTED / 2019 RESTATED BUDGET	
	\$	\$	\$	\$	%	\$	%
Water Quality Initiatives	9,762,487	7,537,276	8,593,943	2,225,211	22.8%	(1,168,544)	(12.0%)
Wastewater	10,120,380	8,460,849	11,514,374	1,659,531	16.4%	1,393,994	13.8%
Stormwater	3,950,054	2,371,561	3,399,997	1,578,493	40.0%	(550,057)	(13.9%)
DC Debt Charges Recoveries	(4,467,237)	(904,431)	(3,826,205)	(3,562,806)	79.8%	641,032	(14.3%)
Sub-Total Debt Charges	19,365,685	17,465,255	19,682,108	1,900,430	9.8%	316,424	1.6%
Sub-Total Capital Financing	126,169,685	124,269,256	146,336,108	1,900,430	1.5%	20,166,424	16.0%
Reserve Transfers	365,324	365,324	42,969	0	0.0%	(322,355)	(88.2%)
Sub-Total Capital and Reserve Impacts on Operating	126,535,009	124,634,580	146,379,077	1,900,430	1.5%	19,844,068	15.7%
TOTAL EXPENDITURES	222,259,479	217,178,084	232,601,659	5,081,395	2.3%	10,342,180	4.7%

REVENUES:**Rate Revenue**

Residential	97,938,766	98,938,766	101,816,099	1,000,000	1.0%	3,877,333	4.0%
Industrial/Commercial/Institutional/Multi-res	107,752,759	108,752,759	112,557,622	1,000,000	0.9%	4,804,863	4.5%
Haldimand	2,353,282	2,353,282	2,476,307	-	0.0%	123,025	5.2%
Halton	247,782	247,782	259,593	-	0.0%	11,811	4.8%
Raw Water	150,000	120,000	125,000	(30,000)	(20.0%)	(25,000)	(16.7%)
Non-Metered	580,000	1,700,000	580,000	1,120,000	193.1%	-	0.0%
Private Fire Lines	1,550,000	1,750,000	1,850,000	200,000	12.9%	300,000	19.4%
Hauler / 3rd Party Sales	1,225,000	1,225,000	1,225,000	-	0.0%	-	0.0%
Overstrength Agreements	2,249,480	3,098,294	2,892,902	848,814	37.7%	643,422	28.6%
Sewer Surcharge Agreements	5,200,000	5,200,000	5,806,726	-	0.0%	606,726	11.7%
Sub-Total Utility Rates	219,247,069	223,385,883	229,589,249	4,138,814	1.9%	10,342,180	4.7%

Non-Rate Revenue

Local Improvement Recoveries	275,850	275,850	275,850	-	-	-	-
Permits / Leases / Agreements	1,365,050	1,365,050	1,365,050	-	-	-	0.0%
Investment Income	450,000	450,000	450,000	-	0.0%	-	-
General Fees and Recoveries	921,510	921,510	921,510	-	0.0%	-	0.0%
Sub-Total Non-Rate Revenue	3,012,410	3,012,410	3,012,410	-	0.0%	-	0.0%
TOTAL REVENUES	222,259,479	226,398,293	232,601,659	4,138,814	1.9%	10,342,180	4.7%
NET EXPENDITURES	-	(9,220,209)	-	9,220,209	-	-	-

CITY OF HAMILTON
2020 - 2023 WATER, WASTEWATER AND STORM OPERATING BUDGET
COMBINED WATER, WASTEWATER AND STORM

2019 RESTATED BUDGET	2020 REQUESTED BUDGET	2021 PROJECTED BUDGET	2022 PROJECTED BUDGET	2023 PROJECTED BUDGET	CHANGE 2020 REQUESTED / 2019 RESTATED BUDGET		CHANGE 2021 PROJECTED / 2020 REQUESTED BUDGET		CHANGE 2022 PROJECTED / 2021 PROJECTED BUDGET	
\$	\$	\$	\$	\$	\$	%	\$	%	\$	%
2,242,620	1,408,041	1,436,202	1,464,926	1,494,224	(834,579)	(37.2%)	28,161	2.0%	28,724	2.0%
1,524,540	1,108,390	1,130,558	1,153,169	1,176,232	(416,150)	(27.3%)	22,168	2.0%	22,611	2.0%
421,610	254,823	259,919	265,118	270,420	(166,787)	(39.6%)	5,096	2.0%	5,198	2.0%
1,350,860	1,239,577	1,264,369	1,289,656	1,315,449	(111,283)	(8.2%)	24,792	2.0%	25,287	2.0%
4,251,610	3,745,588	3,820,500	3,896,910	3,974,848	(506,022)	(11.9%)	74,912	2.0%	76,410	2.0%
1,286,870	1,351,831	1,378,868	1,406,445	1,434,574	64,961	5.0%	27,037	2.0%	27,577	2.0%
871,210	976,984	996,524	1,016,454	1,036,783	105,774	12.1%	19,540	2.0%	19,930	2.0%
3,527,640	3,660,204	3,733,408	3,808,076	3,884,238	132,564	3.8%	73,204	2.0%	74,668	2.0%
1,818,020	1,778,256	1,813,821	1,850,098	1,887,099	(39,764)	(2.2%)	35,565	2.0%	36,276	2.0%
21,369,840	22,014,201	22,454,485	22,903,575	23,361,646	644,361	3.0%	440,284	2.0%	449,090	2.0%
41,383,390	33,449,649	34,118,642	34,801,015	35,497,035	(7,933,741)	(19.2%)	668,993	2.0%	682,373	2.0%
1,859,660	1,595,011	1,626,911	1,659,449	1,692,638	(264,649)	(14.2%)	31,900	2.0%	32,538	2.0%
1,497,370	1,431,094	1,459,716	1,488,910	1,518,688	(66,276)	(4.4%)	28,622	2.0%	29,194	2.0%
2,314,770	1,877,476	1,915,026	1,953,326	1,992,393	(437,294)	(18.9%)	37,550	2.0%	38,301	2.0%
1,150,000	1,150,040	1,173,041	1,196,502	1,220,432	40	0.0%	23,001	2.0%	23,461	2.0%
5,700,000	5,600,000	5,712,000	5,826,240	5,942,765	(100,000)	(1.8%)	112,000	2.0%	114,240	2.0%
6,432,040	6,977,580	7,117,132	7,259,474	7,404,664	545,540	8.5%	139,552	2.0%	142,343	2.0%
500,000	500,080	510,082	520,283	530,689	80	0.0%	10,002	2.0%	10,202	2.0%
500,000	414,738	423,033	431,493	440,123	(85,262)	(17.1%)	8,295	2.0%	8,461	2.0%
395,000	382,550	390,201	398,005	405,965	(12,450)	(3.2%)	7,651	2.0%	7,804	2.0%
1,250,000	1,250,000	1,275,000	1,300,500	1,326,510	-	0.0%	25,000	2.0%	25,500	2.0%
177,000	86,019	87,739	89,494	91,284	(90,981)	(51.4%)	1,720	2.0%	1,755	2.0%
101,824,050	92,252,132	94,097,175	95,979,118	97,898,700	(9,571,918)	(9.4%)	1,845,043	2.0%	1,881,943	2.0%
(6,099,580)	(6,029,550)	(6,150,141)	(6,273,144)	(6,398,607)	70,030	(1.1%)	(120,591)	2.0%	(123,003)	2.0%
95,724,470	86,222,582	87,947,034	89,705,974	91,500,094	(9,501,888)	(9.9%)	1,724,452	2.0%	1,758,941	2.0%
51,762,000	50,296,000	52,953,000	56,553,000	63,516,000	(1,466,000)	(2.8%)	2,657,000	5.3%	3,600,000	6.8%
42,837,000	52,673,000	55,057,000	54,249,000	54,174,000	9,836,000	23.0%	2,384,000	4.5%	(808,000)	(1.5%)
3,205,000	15,685,000	14,382,000	15,775,000	15,975,000	12,480,000	389.4%	(1,303,000)	(8.3%)	1,393,000	9.7%
97,804,000	118,654,000	122,392,000	126,577,000	133,665,000	20,850,000	21.3%	3,738,000	3.2%	4,185,000	3.4%
2,547,000	2,240,000	2,240,000	2,240,000	2,240,000	(307,000)	(12.1%)	-	0.0%	-	0.0%
4,590,000	4,080,000	4,080,000	4,080,000	4,080,000	(510,000)	(11.1%)	-	0.0%	-	0.0%
1,863,000	1,680,000	1,680,000	1,680,000	1,680,000	(183,000)	(9.8%)	-	0.0%	-	0.0%
9,000,000	8,000,000	8,000,000	8,000,000	8,000,000	(1,000,000)	(11.1%)	-	0.0%	-	0.0%
9,762,487	8,593,943	13,081,230	19,120,697	22,771,434	(1,168,544)	(12.0%)	4,487,287	52.2%	6,039,467	46.2%
10,120,380	11,514,374	18,224,240	24,836,447	29,106,256	1,393,994	13.8%	6,709,866	58.3%	6,612,207	36.3%
3,950,054	3,399,997	4,917,875	5,719,347	6,438,841	(550,057)	(13.9%)	1,517,878	44.6%	801,472	16.3%
(4,467,237)	(3,826,205)	(10,928,162)	(17,429,536)	(21,372,836)	641,032	(14.3%)	(7,101,957)	185.6%	(6,501,374)	59.5%
19,365,685	19,682,108	25,295,182	32,246,955	36,943,695	316,424	1.6%	5,613,074	28.5%	6,951,772	27.5%
126,169,685	146,336,108	155,687,182	166,823,955	178,608,695	20,166,424	16.0%	9,351,074	6.4%	11,136,772	7.2%
365,324	42,969	104,448	146,480	270,888	(322,355)	(88.2%)	61,479	143.1%	42,032	40.2%
126,535,009	146,379,077	155,791,630	166,970,435	178,879,583	19,844,068	15.7%	9,412,553	6.4%	11,178,805	7.2%
222,259,479	232,601,659	243,738,664	256,676,409	270,379,677	10,342,180	4.7%	11,137,005	4.8%	12,937,745	5.3%

CITY OF HAMILTON
2020 - 2023 WATER, WASTEWATER AND STORM OPERATING BUDGET
COMBINED WATER, WASTEWATER AND STORM

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2019 RESTATED BUDGET	2020 REQUESTED BUDGET	2021 PROJECTED BUDGET	2022 PROJECTED BUDGET	2023 PROJECTED BUDGET	CHANGE 2020 REQUESTED / 2019 RESTATED BUDGET		CHANGE 2021 PROJECTED / 2020 REQUESTED BUDGET		CHANGE 2022 PROJECTED / 2021 PROJECTED BUDGET	
\$	\$	\$	\$	\$	\$	%	\$	%	\$	%
97,938,766	101,816,099	107,533,183	113,624,568	120,099,836	3,877,333	4.0%	5,717,083	5.6%	6,091,385	5.7%
107,752,759	112,557,622	117,408,155	123,603,330	130,095,258	4,804,863	4.5%	4,850,533	4.3%	6,195,175	5.3%
2,353,282	2,476,307	2,591,366	2,739,374	2,931,659	123,025	5.2%	115,058	4.6%	148,008	5.7%
247,782	259,593	269,837	284,866	303,990	11,811	4.8%	10,245	3.9%	15,029	5.6%
150,000	125,000	128,750	132,613	136,591	(25,000)	(16.7%)	3,750	3.0%	3,863	3.0%
580,000	580,000	580,000	610,000	640,000	-	0.0%	-	0.0%	30,000	5.2%
1,550,000	1,850,000	1,924,000	2,000,960	2,080,998	300,000	19.4%	74,000	4.0%	76,960	4.0%
1,225,000	1,225,000	1,261,750	1,299,603	1,338,591	-	0.0%	36,750	3.0%	37,853	3.0%
2,249,480	2,892,902	2,979,689	3,069,080	3,161,152	643,422	28.6%	86,787	3.0%	89,391	3.0%
5,200,000	5,806,726	5,980,928	6,160,356	6,345,166	606,726	11.7%	174,202	3.0%	179,428	3.0%
219,247,069	229,589,249	240,657,657	253,524,748	267,133,241	10,342,180	4.7%	11,068,408	4.8%	12,867,091	5.3%
275,850	275,850	275,850	275,850	275,850	-	0.0%	-	0.0%	-	0.0%
1,365,050	1,365,050	1,406,002	1,448,182	1,491,627	-	0.0%	40,952	3.0%	42,180	3.0%
450,000	450,000	450,000	450,000	450,000	-	0.0%	-	0.0%	-	0.0%
921,510	921,510	949,155	977,630	1,028,959	-	0.0%	27,645	3.0%	28,475	3.0%
						0.0%		0.0%		0.0%
3,012,410	3,012,410	3,081,007	3,151,662	3,246,436	-	0.0%	68,597	2.3%	70,655	2.3%
222,259,479	232,601,659	243,738,664	256,676,409	270,379,677	10,342,180	4.7%	11,137,005	4.8%	12,937,745	5.3%
-	-	-	-	-	(0)	-	(0)	-	0	-

CITY OF HAMILTON
2020-2029 WATER, WASTEWATER & STORM OPERATING BUDGET
COMBINED WATER, WASTEWATER AND STORM
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2019 Restated	2020 Requested	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast	2027 Forecast	2028 Forecast	2029 Forecast
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OPERATING EXPENDITURES

OPERATING COSTS	91,224	82,223	83,717	83,977	85,653	87,363	89,107	90,885	92,698	94,546	96,530
BIO-SOLIDS	4,500	4,000	4,230	4,129	4,215	4,302	4,392	4,484	4,578	4,676	4,676
TERTIARY TREATMENT	-	-	-	1,600	1,632	1,665	1,698	1,732	1,767	1,802	1,838
TOTAL OPERATING COSTS	95,724	86,223	87,947	89,706	91,500	93,330	95,197	97,101	99,043	101,023	103,044

CAPITAL & RESERVE IMPACTS ON OPERATING**Contributions to Capital**

Water	51,762	50,296	52,953	56,553	63,516	73,300	84,611	83,417	72,832	90,002	107,861
Wastewater	42,837	52,673	55,057	54,249	54,174	52,379	58,704	63,479	67,164	68,470	65,440
Stormwater	3,205	15,685	14,382	15,775	15,975	17,595	9,875	16,385	37,430	34,735	35,215
Sub-total Contributions to Capital	97,804	118,654	122,392	126,577	133,665	143,274	153,190	163,281	177,426	193,207	208,516

Contributions for DC Exemptions

Water	2,547	2,240	2,240	2,240	2,240	2,240	2,240	2,240	2,240	2,240	2,240
Wastewater	4,590	4,080	4,080	4,080	4,080	4,080	4,080	4,080	4,080	4,080	4,080
Stormwater	1,863	1,680	1,680	1,680	1,680	1,680	1,680	1,680	1,680	1,680	1,680
Sub-total Contributions to Capital	9,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000

Debt Charges

Water	9,762	8,594	13,081	19,121	22,771	24,378	26,861	29,864	30,861	30,665	30,561
Wastewater	10,120	11,514	18,224	24,836	29,106	30,401	30,518	34,295	41,345	47,498	51,136
Stormwater	3,950	3,400	4,918	5,719	6,439	6,775	6,728	6,681	6,690	6,705	6,778
DC Debt Charges Recoveries	(4,467)	(3,826)	(10,928)	(17,430)	(21,373)	(23,098)	(25,025)	(31,460)	(41,112)	(49,540)	(53,306)
Sub-total Debt Charges	19,366	19,682	25,295	32,247	36,944	38,456	39,082	39,380	37,784	35,328	35,169

Reserve Transfers

	365	43	104	146	134	185	245	278	258	264	741
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Sub-Total Capital & Reserve Impacts on Operating

	126,535	146,379	155,792	166,970	178,743	189,915	200,517	210,938	223,468	236,799	252,426
TOTAL EXPENDITURES	222,259	232,602	243,739	256,676	270,243	283,245	295,714	308,039	322,511	337,823	355,470

REVENUES

Residential	97,939	101,816	107,533	113,625	120,100	126,815	134,051	141,659	149,749	157,939	166,460
Industrial/Commercial/Institutional/Multi-res	107,753	112,558	117,408	123,603	130,095	135,830	140,539	144,771	150,606	157,123	165,607
Haldimand	2,353	2,476	2,591	2,739	2,932	3,074	3,179	3,241	3,351	3,507	3,687
Halton	248	260	270	285	304	318	331	340	351	367	385
Raw Water	150	125	129	133	137	141	145	149	154	158	163
Non-Metered	580	580	580	610	640	670	700	730	760	790	820
Private Fire Lines	1,550	1,850	1,924	2,001	2,081	2,164	2,251	2,341	2,434	2,532	2,633
Hauler / 3rd Party Sales	1,225	1,225	1,262	1,300	1,326	1,352	1,379	1,407	1,435	1,464	1,493
Overstrength Agreements	2,249	2,893	2,980	3,069	3,130	3,193	3,257	3,322	3,389	3,456	3,525
Sewer Surcharge Agreements	5,200	5,807	5,981	6,160	6,284	6,409	6,537	6,668	6,802	6,938	7,076
Non-Rate Revenue	3,012	3,012	3,081	3,152	3,215	3,279	3,345	3,411	3,480	3,549	3,620
TOTAL REVENUES	222,259	232,602	243,739	256,676	270,243	283,245	295,714	308,039	322,511	337,823	355,470

NET EXPENDITURES

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Rate Increase	4.66%	4.00%	4.39%	4.50%	4.55%	4.41%	4.46%	4.41%	4.54%	4.34%	4.37%

RESIDENTIAL BILL (200m³ p.a.)	\$ 722.90	\$ 751.80	\$ 784.80	\$ 820.10	\$ 857.40	\$ 895.20	\$ 935.10	\$ 976.30	\$ 1,020.60	\$ 1,064.85	\$ 1,111.35
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