

**CITY OF HAMILTON**  
**2020 HAMILTON WATER OPERATING BUDGET**  
**WASTEWATER**

	2019 RESTATED BUDGET	2019 PROJECTED ACTUAL	2020 REQUESTED BUDGET	CHANGE 2019 PROJECTED ACTUAL / 2019 RESTATED BUDGET		CHANGE 2020 REQUESTED / 2019 RESTATED BUDGET	
	\$	\$	\$	\$	%	\$	%
<b>OPERATING EXPENDITURES:</b>							
<b><u>Environmental Services</u></b>							
Divisional Administration & Support	1,006,104	1,006,104	631,688	(0)	(0.0%)	(374,416)	(37.2%)
Woodward Upgrades	1,524,540	1,524,540	1,108,390	-	0.0%	(416,150)	(27.3%)
Customer Service	168,630	168,630	101,921	-	0.0%	(66,709)	(39.6%)
Outreach & Education	528,350	508,794	484,825	19,556	3.7%	(43,525)	(8.2%)
Service Co-ordination	1,301,020	1,158,421	1,146,174	142,599	11.0%	(154,846)	(11.9%)
Engineering Systems & Data Collection	514,750	514,750	540,735	-	0.0%	25,985	5.0%
Compliance & Regulations	414,730	414,730	465,083	-	0.0%	50,353	12.1%
Laboratory Services	2,258,943	2,258,943	2,343,831	-	0.0%	84,888	3.8%
Environmental Monitoring & Enforcement	1,752,210	1,752,210	1,713,885	-	0.0%	(38,325)	(2.2%)
Water Distribution & Wastewater Collection	5,042,270	5,042,270	5,194,309	-	0.0%	152,039	3.0%
Plant Operations & Maintenance	20,209,645	19,232,942	16,335,190	976,703	4.8%	(3,874,455)	(19.2%)
Capital Delivery	836,847	836,847	717,755	-	0.0%	(119,092)	(14.2%)
Sustainable Initiatives	673,816	673,816	643,991	-	0.0%	(29,824)	(4.4%)
Infrastructure Planning & System Design	1,109,142	1,109,142	899,608	-	0.0%	(209,533)	(18.9%)
Wastewater Abatement Program	1,150,000	1,150,000	1,150,040	-	0.0%	40	0.0%
Alectra Utilities Service Contract	2,850,000	2,700,000	2,800,000	150,000	5.3%	(50,000)	(1.8%)
Corporate & Departmental Support Services	3,129,340	3,129,340	3,394,758	-	0.0%	265,418	8.5%
Utilities Arrears Program	250,000	250,000	250,040	-	0.0%	40	0.0%
Sewer Lateral Management Program	500,000	500,000	414,738	-	0.0%	(85,262)	(17.1%)
Financial Charges	177,000	177,000	86,019	-	0.0%	(90,981)	(51.4%)
	45,397,336	44,108,478	40,422,979	1,288,858	2.8%	(4,974,357)	(11.0%)
Capital and Reserve Recoveries	(3,397,058)	(3,397,058)	(3,358,056)	0	(0.0%)	39,002	(1.1%)
<b>Sub-Total Environmental Services</b>	<b>42,000,278</b>	<b>40,711,420</b>	<b>37,064,923</b>	<b>1,288,858</b>	<b>3.1%</b>	<b>(4,935,355)</b>	<b>(11.8%)</b>
<b><u>Capital and Reserve Impacts on Operating</u></b>							
<b><u>Contributions to Capital</u></b>							
Wastewater	42,837,000	42,837,000	52,673,000	-	-	9,836,000	23.0%
<b>Sub-Total Contributions to Capital</b>	<b>42,837,000</b>	<b>42,837,000</b>	<b>52,673,000</b>	<b>-</b>	<b>-</b>	<b>9,836,000</b>	<b>23.0%</b>
<b><u>Contributions for DC Exemptions</u></b>							
Wastewater	4,590,000	4,590,000	4,080,000	-	-	(510,000)	(11.1%)
<b>Sub-Total Contributions for DC Exemptions</b>	<b>4,590,000</b>	<b>4,590,000</b>	<b>4,080,000</b>	<b>-</b>	<b>-</b>	<b>(510,000)</b>	<b>(11.1%)</b>

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	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	
	\$	\$	\$	\$	%	\$	%
<b>Debt Charges</b>							
Wastewater	10,120,380	7,012,631	11,514,374	3,107,749	30.7%	1,393,994	13.8%
DC Debt Charges Recoveries	(1,669,722)	(113,893)	(2,260,170)	(1,555,829)	93.2%	(590,448)	35.4%
<b>Sub-Total Debt Charges</b>	<b>8,450,658</b>	<b>6,898,738</b>	<b>9,254,204</b>	<b>1,551,920</b>	<b>18.4%</b>	<b>803,546</b>	<b>9.5%</b>
<b>Sub-Total Capital Financing</b>	<b>55,877,658</b>	<b>54,325,738</b>	<b>66,007,204</b>	<b>1,551,920</b>	<b>2.8%</b>	<b>10,129,546</b>	<b>18.1%</b>
<b>Reserve Transfers</b>	<b>16,937,533</b>	<b>19,199,811</b>	<b>17,072,542</b>	<b>(2,262,278)</b>	<b>(13.4%)</b>	<b>135,009</b>	<b>0.8%</b>
<b>Sub-Total Cap\Reserve Impacts on Operating</b>	<b>72,815,191</b>	<b>73,525,549</b>	<b>83,079,746</b>	<b>(710,358)</b>	<b>(1.0%)</b>	<b>10,264,555</b>	<b>14.1%</b>
<b>TOTAL EXPENDITURES</b>	<b>114,815,469</b>	<b>114,236,969</b>	<b>120,144,669</b>	<b>578,500</b>	<b>0.5%</b>	<b>5,329,200</b>	<b>4.6%</b>

**REVENUES:**

## Rate Revenue

Residential	50,143,510	50,643,510	52,037,120	500,000	1.0%	1,893,610	3.8%
ICI	55,211,628	55,711,628	57,397,071	500,000	0.9%	2,185,443	4.0%
Non-Metered	290,000	290,000	290,000	-	0.0%	-	0.0%
Hauler / 3rd Party Sales	790,000	790,000	790,000	-	0.0%	-	0.0%
Overstrength Agreements	2,249,480	2,148,500	2,892,902	(100,980)	(4.5%)	643,422	28.6%
Sewer Surcharge Agreements	5,200,000	3,914,380	5,806,726	(1,285,620)	(24.7%)	606,726	11.7%
<b>Sub-Total Utility Rates</b>	<b>113,884,619</b>	<b>113,498,019</b>	<b>119,213,819</b>	<b>(386,600)</b>	<b>(.3%)</b>	<b>5,329,200</b>	<b>4.7%</b>

### Non-Rate Revenue

Local Improvement Recoveries	265,850	265,850	265,850	-	-	-	-
Permits / Leases / Agreements	515,000	323,100	515,000	(191,900)	(37.3%)	-	0.0%
Investment Income	-	-	-	-	0.0%	-	0.0%
General Fees and Recoveries	150,000	150,000	150,000	-	0.0%	-	0.0%
<b>Sub-Total Non-Rate Revenue</b>	<b>930,850</b>	<b>738,950</b>	<b>930,850</b>	<b>(191,900)</b>	<b>(20.6%)</b>	<b>-</b>	<b>0.0%</b>

TOTAL REVENUES	114,815,469	114,236,969	120,144,669	(578,500)	(.5%)	5,329,200	4.6%
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<b>NET EXPENDITURES</b>	-	-	-	-	-	-
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**CITY OF HAMILTON**  
**2020 - 2023 WATER, WASTEWATER AND STORM OPERATING BUDGET**  
**WASTEWATER**

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	
\$	\$	\$	\$	\$	\$	%	\$	%	\$	%
1,006,104	631,688	644,322	657,208	670,352	(374,416)	(37.2%)	12,634	2.0%	12,886	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%
168,630	101,921	103,959	106,038	108,159	(66,709)	(39.6%)	2,038	2.0%	2,079	2.0%
528,350	484,825	494,521	504,412	514,500	(43,525)	(8.2%)	9,696	2.0%	9,890	2.0%
1,301,020	1,146,174	1,169,097	1,192,479	1,216,329	(154,846)	(11.9%)	22,923	2.0%	23,382	2.0%
514,750	540,735	551,549	562,580	573,832	25,985	5.0%	10,815	2.0%	11,031	2.0%
414,730	465,083	474,384	483,872	493,549	50,353	12.1%	9,302	2.0%	9,488	2.0%
2,258,943	2,343,831	2,390,708	2,438,522	2,487,292	84,888	3.8%	46,877	2.0%	47,814	2.0%
1,752,210	1,713,885	1,748,163	1,783,126	1,818,789	(38,325)	(2.2%)	34,278	2.0%	34,963	2.0%
5,042,270	5,194,309	5,298,195	5,404,159	5,512,242	152,039	3.0%	103,886	2.0%	105,964	2.0%
20,209,645	16,335,190	16,661,894	16,995,132	17,335,034	(3,874,455)	(19.2%)	326,704	2.0%	333,238	2.0%
836,847	717,755	732,110	746,752	761,687	(119,092)	(14.2%)	14,355	2.0%	14,642	2.0%
673,816	643,991	656,871	670,009	683,409	(29,824)	(4.4%)	12,880	2.0%	13,137	2.0%
1,109,142	899,608	917,601	935,953	954,672	(209,533)	(18.9%)	17,992	2.0%	18,352	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%
2,850,000	2,800,000	2,856,000	2,913,120	2,971,382	(50,000)	(1.8%)	56,000	2.0%	57,120	2.0%
3,129,340	3,394,758	3,462,653	3,531,906	3,602,545	265,418	0	67,895	2.0%	69,253	2.0%
250,000	250,040	255,041	260,142	265,344	40	0	5,001	2.0%	5,101	2.0%
500,000	414,738	423,033	431,493	440,123	(85,262)	(17.1%)	8,295	2.0%	8,461	2.0%
177,000	86,019	87,739	89,494	91,284	(90,981)	(51.4%)	1,720	2.0%	1,755	2.0%
45,397,336	40,422,979	41,231,439	42,056,068	42,897,189	(4,974,357)	(11.0%)	808,460	2.0%	824,629	2.0%
(3,397,058)	(3,358,056)	(3,425,217)	(3,493,721)	(3,563,596)	39,002	(1.1%)	(67,161)	2.0%	(68,504)	2.0%
42,000,278	37,064,923	37,806,222	38,562,346	39,333,593	(4,935,355)	(11.8%)	741,298	2.0%	756,124	2.0%
-	-	-	-	-	-	-	-	-	-	-
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%)
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%)
4,590,000	4,080,000	4,080,000	4,080,000	4,080,000	(510,000)	(11.1%)	-	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%
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%
(1,669,722)	(2,260,170)	(6,113,270)	(9,356,174)	(11,581,584)	(590,448)	35.4%	(3,853,100)	170.5%	(3,242,903)	53.0%
8,450,658	9,254,204	12,110,970	15,480,274	17,524,672	803,546	9.5%	2,856,766	30.9%	3,369,304	27.8%
55,877,658	66,007,204	71,247,970	73,809,274	75,778,672	10,129,546	18.1%	5,240,766	7.9%	2,561,304	3.6%
16,937,533	17,072,542	17,364,987	20,475,472	24,001,469	135,009	0.8%	292,445	1.7%	3,110,485	17.9%
72,815,191	83,079,746	88,612,956	94,284,746	99,780,141	10,264,555	14.1%	5,533,210	6.7%	5,671,789	6.4%
114,815,469	120,144,669	126,419,178	132,847,092	139,113,734	5,329,200	4.6%	6,274,509	5.2%	6,427,914	5.1%



	2019 Restated	2020 Requested	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast	2027 Forecast	2028 Forecast	2029 Forecast
<b>OPERATING EXPENDITURES</b>											
OPERATING COSTS	37,500	33,065	33,576	32,833	33,487	34,154	34,833	35,525	36,231	36,950	37,782
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	42,000	37,065	37,806	38,562	39,334	40,120	40,923	41,741	42,576	43,427	44,296
<b>CAPITAL &amp; RESERVE IMPACTS ON OPERATING</b>											
<b>Contributions to Capital</b>											
Wastewater	42,837	52,673	55,057	54,249	54,174	52,379	58,704	63,479	67,164	68,470	65,440
Sub-total Contributions to Capital	42,837	52,673	55,057	54,249	54,174	52,379	58,704	63,479	67,164	68,470	65,440
<b>Contributions for DC Exemptions</b>											
Wastewater	4,590	4,080	4,080	4,080	4,080	4,080	4,080	4,080	4,080	4,080	4,080
Sub-total Contributions to Capital	4,590	4,080	4,080	4,080	4,080	4,080	4,080	4,080	4,080	4,080	4,080
<b>Debt Charges</b>											
Wastewater	10,120	11,514	18,224	24,836	29,106	30,401	30,518	34,295	41,345	47,498	51,136
DC Debt Charges Recoveries	(1,670)	(2,260)	(6,113)	(9,356)	(11,582)	(12,576)	(12,867)	(16,818)	(24,368)	(31,858)	(35,622)
Sub-total Debt Charges	8,451	9,254	12,111	15,480	17,525	17,826	17,650	17,477	16,977	15,640	15,514
Reserve Transfers	16,938	17,073	17,365	20,475	23,899	30,833	28,822	28,964	33,448	40,279	52,244
Sub-Total Capital & Reserve Impacts on Operating	72,815	83,080	88,613	94,285	99,678	105,118	109,256	114,000	121,669	128,469	137,278
TOTAL EXPENDITURES	114,815	120,145	126,419	132,847	139,011	145,238	150,179	155,741	164,245	171,896	181,574
<b>REVENUES</b>											
Residential	50,144	52,037	55,413	58,459	61,706	65,012	67,881	71,170	76,052	80,274	84,933
ICI	55,212	57,397	59,991	63,044	65,725	68,406	70,233	72,257	75,626	78,796	83,551
Non-Metered	290	290	290	305	320	335	350	365	380	395	410
Hauler / 3rd Party Sales	790	790	814	838	855	872	889	907	925	944	963
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	931	931	951	971	991	1,011	1,031	1,051	1,072	1,094	1,116
TOTAL REVENUES	114,815	120,145	126,419	132,847	139,011	145,238	150,179	155,741	164,245	171,896	181,574
NET EXPENDITURES	-	-	-	-	-	-	-	-	-	-	-