

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

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2019 RESTATE D BUDGET	2019 PROJECTED ACTUAL	2020 REQUESTED BUDGET	CHANGE		CHANGE	
			2019 PROJECTED ACTUAL / 2019 RESTATE D BUDGET		2020 REQUESTED / 2019 RESTATE D BUDGET	
\$	\$	\$	\$	%	\$	%

OPERATING EXPENDITURES:

Divisional Administration & Support	1,229,636	1,229,636	772,034	(0)	(0.0%)	(457,602)	(37.2%)
Woodward Upgrades	1,524,540	1,524,540	1,108,390	-	0.0%	(416,150)	(27.3%)
Customer Service	210,370	210,370	127,149	-	0.0%	(83,221)	(39.6%)
Outreach & Education	660,440	635,995	606,033	24,445	3.7%	(54,407)	(8.2%)
Service Co-ordination	2,159,830	1,923,101	1,902,769	236,729	11.0%	(257,061)	(11.9%)
Engineering Systems & Data Collection	643,440	643,440	675,921	-	0.0%	32,481	5.0%
Compliance & Regulations	435,610	435,610	488,498	-	0.0%	52,888	12.1%
Laboratory Services	2,394,864	2,394,864	2,484,859	-	0.0%	89,996	3.8%
Environmental Monitoring & Enforcement	1,818,020	1,818,020	1,778,256	-	0.0%	(39,764)	(2.2%)
Water Distribution & Wastewater Collection	5,576,780	5,576,780	5,744,936	-	0.0%	168,156	3.0%
Plant Operations & Maintenance	21,029,235	20,012,922	16,997,654	1,016,313	4.8%	(4,031,581)	(19.2%)
Capital Delivery	1,022,813	1,022,813	877,256	-	0.0%	(145,557)	(14.2%)
Sustainable Initiatives	823,555	823,555	787,103	-	0.0%	(36,452)	(4.4%)
Infrastructure Planning & System Design	1,355,629	1,355,629	1,099,530	-	0.0%	(256,098)	(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	3,559,590	3,559,590	3,861,500	-	0.0%	301,910	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%)
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%)
	51,016,350	49,223,897	45,645,274	1,792,453	3.5%	(5,371,076)	(10.5%)
Capital and Reserve Recoveries	(4,217,812)	(4,217,812)	(4,169,387)	0	(0.0%)	48,425	(1.1%)
Sub-Total	46,798,539	45,006,085	41,475,887	1,792,453	3.8%	(5,322,651)	(11.4%)

Capital and Reserve Impacts on Operating

Contributions to Capital

Wastewater	42,837,000	42,837,000	52,673,000	-	0.0%	9,836,000	23.0%
Stormwater	3,205,000	3,205,000	15,685,000	-	0.0%	12,480,000	389.4%
Sub-Total Contributions to Capital	46,042,000	46,042,000	68,358,000	-	0.0%	22,316,000	48.5%

Contributions for DC Exemptions

Wastewater	4,590,000	4,590,000	4,080,000	-	0.0%	(510,000)	(11.1%)
Stormwater	1,863,000	1,863,000	1,680,000	-	0.0%	(183,000)	(9.8%)
Sub-Total Contributions for DC Exemptions	6,453,000	6,453,000	5,760,000	-	0.0%	(693,000)	(0)

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

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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	
	\$	\$	\$	\$	%	\$
Debt Charges						
Wastewater	10,120,380	7,012,631	11,514,374	3,107,749	30.7%	1,393,994
Stormwater	3,950,054	651,022	3,399,997	3,299,032	83.5%	(550,057)
DC Debt Charges Recoveries	(3,490,867)	(138,256)	(3,408,093)	(3,352,611)	96.0%	82,774
Sub-Total Debt Charges	10,579,567	7,525,397	11,506,278	3,054,170	28.9%	926,710
Sub-Total Capital Financing	63,074,567	60,020,397	85,624,278	3,054,170	4.8%	22,549,710
Reserve Transfers	5,110,363	9,378,487	(6,787,496)	(4,268,124)	(83.5%)	(11,897,859)
Sub-Total Capital and Reserve Impacts on Operating	68,184,930	69,398,884	78,836,782	(1,213,953)	(1.8%)	10,651,852
TOTAL EXPENDITURES	114,983,469	114,404,969	120,312,669	578,500	0.5%	5,329,200
REVENUES:						
Rate Revenue						
Residential	50,143,510	50,643,510	52,037,120	500,000	1.0%	1,893,610
Industrial/Commercial/Institutional/Multi-res	55,211,628	55,711,628	57,397,071	500,000	0.9%	2,185,443
Non-Metered	290,000	290,000	290,000	-	0.0%	-
Hauler / 3rd Party Sales	790,000	790,000	790,000	-	0.0%	-
Overstrength Agreements	2,249,480	2,148,500	2,892,902	(100,980)	(4.5%)	643,422
Sewer Surcharge Agreements	5,200,000	3,914,380	5,806,726	(1,285,620)	(24.7%)	606,726
Sub-Total Utility Rates	113,884,619	113,498,019	119,213,819	(386,600)	(.3%)	5,329,200
Non-Rate Revenue						
Local Improvement Recoveries	265,850	265,850	265,850	-	0.0%	-
Permits / Leases / Agreements	515,000	323,100	515,000	(191,900)	(37.3%)	-
General Fees and Recoveries	318,000	318,000	318,000	-	0.0%	-
Sub-Total Non-Rate Revenue	1,098,850	906,950	1,098,850	(191,900)	(17.5%)	-
TOTAL REVENUES	114,983,469	114,404,969	120,312,669	(578,500)	(0.5%)	5,329,200
NET EXPENDITURES	-	-	-	-	-	-

CITY OF HAMILTON
2020 - 2023 WATER, WASTEWATER AND STORM OPERATING BUDGET
COMBINED 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
	\$	\$	\$	\$	\$	%	\$	%
OPERATING EXPENDITURES:								
Divisional Administration & Support	1,229,636	772,034	787,474	803,224	819,288	(457,602)	(37.2%)	15,441
Woodward Upgrades	1,524,540	1,108,390	1,130,558	1,153,169	1,176,232	(416,150)	(27.3%)	22,168
Customer Service	210,370	127,149	129,692	132,285	134,931	(83,221)	(39.6%)	2,543
Outreach & Education	660,440	606,033	618,154	630,517	643,127	(54,407)	(8.2%)	12,121
Service Co-ordination	2,159,830	1,902,769	1,940,825	1,979,641	2,019,234	(257,061)	(11.9%)	38,055
Engineering Systems & Data Collection	643,440	675,921	689,439	703,228	717,293	32,481	5.0%	13,518
Compliance & Regulations	435,610	488,498	498,268	508,233	518,398	52,888	12.1%	9,770
Laboratory Services	2,394,864	2,484,859	2,534,556	2,585,248	2,636,953	89,996	3.8%	49,697
Environmental Monitoring & Enforcement	1,818,020	1,778,256	1,813,821	1,850,098	1,887,099	(39,764)	(2.2%)	35,565
Water Distribution & Wastewater Collection	5,576,780	5,744,936	5,859,834	5,977,031	6,096,572	168,156	3.0%	114,899
Plant Operations & Maintenance	21,029,235	16,997,654	17,337,607	17,684,359	18,038,046	(4,031,581)	(19.2%)	339,953
Capital Delivery	1,022,813	877,256	894,801	912,697	930,951	(145,557)	(14.2%)	17,545
Sustainable Initiatives	823,555	787,103	802,845	818,902	835,280	(36,452)	(4.4%)	15,742
Infrastructure Planning & System Design	1,355,629	1,099,530	1,121,521	1,143,951	1,166,830	(256,098)	(18.9%)	21,991
Wastewater Abatement Program	1,150,000	1,150,040	1,173,041	1,196,502	1,220,432	40	0.0%	23,001
Alectra Utilities Service Contract	2,850,000	2,800,000	2,856,000	2,913,120	2,971,382	(50,000)	(1.8%)	56,000
Corporate & Departmental Support Services	3,559,590	3,861,500	3,938,730	4,017,505	4,097,855	301,910	8.5%	77,230
Utilities Arrears Program	250,000	250,040	255,041	260,142	265,344	40	0.0%	5,001
Sewer Lateral Management Program	500,000	414,738	423,033	431,493	440,123	(85,262)	(17.1%)	8,295
Hamilton Harbour Remedial Action Plan	395,000	382,550	390,201	398,005	405,965	(12,450)	(3.2%)	7,651
Protective Plumbing Program (3P)	1,250,000	1,250,000	1,275,000	1,300,500	1,326,510	-	0.0%	25,000
Financial Charges	177,000	86,019	87,739	89,494	91,284	(90,981)	(51.4%)	1,720
	51,016,350	45,645,274	46,558,180	47,489,343	48,439,130	(5,371,076)	(10.5%)	912,905
Capital and Reserve Recoveries	(4,217,812)	(4,169,387)	(4,252,775)	(4,337,830)	(4,424,587)	48,425	(1.1%)	(83,388)
Sub-Total	46,798,539	41,475,887	42,305,405	43,151,513	44,014,543	(5,322,651)	(11.4%)	829,518
Capital and Reserve Impacts on Operating								
Contributions to Capital								
Wastewater	42,837,000	52,673,000	55,057,000	54,249,000	54,174,000	9,836,000	23.0%	2,384,000
Stormwater	3,205,000	15,685,000	14,382,000	15,775,000	15,975,000	12,480,000	389.4%	(1,303,000)
Sub-Total Contributions to Capital	46,042,000	68,358,000	69,439,000	70,024,000	70,149,000	22,316,000	48.5%	1,081,000
Contributions for DC Exemptions								
Wastewater	4,590,000	4,080,000	4,080,000	4,080,000	4,080,000	(510,000)	(11.1%)	-
Stormwater	1,863,000	1,680,000	1,680,000	1,680,000	1,680,000	(183,000)	(9.8%)	-
Sub-Total Contributions for DC Exemptions	6,453,000	5,760,000	5,760,000	5,760,000	5,760,000	(693,000)	(10.7%)	-
Debt Charges								
Wastewater	10,120,380	11,514,374	18,224,240	24,836,447	29,106,256	1,393,994	13.8%	6,709,866
Stormwater	3,950,054	3,399,997	4,917,875	5,719,347	6,438,841	(550,057)	(13.9%)	1,517,878
DC Debt Charges Recoveries	(3,490,867)	(3,408,093)	(8,508,661)	(12,283,894)	(14,961,202)	82,774	(2.4%)	(5,100,568)
Sub-Total Debt Charges	10,579,567	11,506,278	14,633,454	18,271,900	20,583,895	926,710	8.8%	3,127,176
Sub-Total Capital Financing	63,074,567	85,624,278	89,832,454	94,055,900	96,492,895	22,549,710	35.8%	4,208,176
Reserve Transfers	5,110,363	(6,787,496)	(5,545,641)	(4,182,090)	(1,210,126)	(11,897,859)	(232.8%)	1,241,855
Sub-Total Capital and Reserve Impacts on Operating	68,184,930	78,836,782	84,286,813	89,873,810	95,282,769	10,651,852	15.6%	5,450,031
TOTAL EXPENDITURES	114,983,469	120,312,669	126,592,218	133,025,323	139,297,313	5,329,200	4.6%	6,279,549

CITY OF HAMILTON
2020 - 2023 WATER, WASTEWATER AND STORM OPERATING BUDGET
COMBINED 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	
	\$	\$	\$	\$	\$	\$	%	\$	%	\$	%
REVENUES:											
<u>Rate Revenue</u>											
Residential	50,143,510	52,037,120	55,412,781	58,459,054	61,706,401	1,893,610	3.8%	3,375,661	6.5%	3,046,273	5.5%
Industrial/Commercial/Institutional/Multi-res	55,211,628	57,397,071	59,991,280	63,044,143	65,725,247	2,185,443	4.0%	2,594,209	4.5%	3,052,863	5.1%
Haldimand	-	-	-	-	-	-	0.0%	-	0.0%	-	0.0%
Halton	-	-	-	-	-	-	0.0%	-	0.0%	-	0.0%
Non-Metered	290,000	290,000	290,000	305,000	320,000	-	0.0%	-	0.0%	15,000	5.2%
Private Fire Lines	-	-	-	-	-	-	0.0%	-	0.0%	-	0.0%
Hauler / 3rd Party Sales	790,000	790,000	813,700	838,111	863,254	-	0.0%	23,700	3.0%	24,411	3.0%
Overstrength Agreements	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%
Sewer Surcharge Agreements	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%
Sub-Total Utility Rates	113,884,619	119,213,819	125,468,378	131,875,743	138,121,221	5,329,200	4.7%	6,254,559	5.2%	6,407,365	5.1%
<u>Non-Rate Revenue</u>											
Local Improvement Recoveries	265,850	265,850	265,850	265,850	265,850	-	0.0%	-	0.0%	-	0.0%
Permits/Leases/Agreements	515,000	515,000	530,450	546,364	562,754	-	0.0%	15,450	3.0%	15,914	3.0%
General Fees and Recoveries	318,000	318,000	327,540	337,366	347,487	-	0.0%	9,540	3.0%	9,826	3.0%
Sub-Total Non-Rate Revenue	1,098,850	1,098,850	1,123,840	1,149,580	1,176,092	-	0.0%	24,990	2.3%	25,740	2.3%
TOTAL REVENUES	114,983,469	120,312,669	126,592,218	133,025,323	139,297,313	5,329,200	4.6%	6,279,549	5.2%	6,433,105	5.1%
NET EXPENDITURES	-	-	-	-	-	0	-	(0)	-	0	-

CITY OF HAMILTON
2020-2029 WATER, WASTEWATER & STORM OPERATING BUDGET
COMBINED WASTEWATER AND STORM
(\$ 000'S)

	2019 Restated	2020 Requested	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast	2027 Forecast	2028 Forecast	2029 Forecast
OPERATING EXPENDITURES											
OPERATING COSTS	42,299	37,476	38,075	37,423	38,168	38,928	39,703	40,493	41,298	42,118	43,054
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	46,799	41,476	42,305	43,152	44,015	44,895	45,793	46,709	47,643	48,596	49,568
CAPITAL & RESERVE IMPACTS ON OPERATING											
Contributions to Capital											
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	46,042	68,358	69,439	70,024	70,149	69,974	68,579	79,864	104,594	103,205	100,655
Contributions for DC Exemptions											
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	6,453	5,760	5,760	5,760	5,760	5,760	5,760	5,760	5,760	5,760	5,760
Debt Charges											
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	(3,491)	(3,408)	(8,509)	(12,284)	(14,961)	(16,179)	(16,467)	(20,413)	(27,959)	(35,451)	(39,217)
Sub-total Debt Charges	10,580	11,506	14,633	18,272	20,584	20,998	20,779	20,562	20,076	18,752	18,697
Reserve Transfers	5,110	(6,787)	(5,546)	(4,182)	(1,314)	3,797	9,457	3,039	(13,631)	(4,216)	7,100
Sub-Total Capital & Reserve Impacts on Operating	68,185	78,837	84,287	89,874	95,179	100,529	104,575	109,225	116,799	123,501	132,211
TOTAL EXPENDITURES	114,983	120,313	126,592	133,025	139,193	145,423	150,368	155,934	164,442	172,097	181,779
REVENUES											
Residential	50,144	52,037	55,413	58,459	61,706	65,012	67,881	71,170	76,052	80,274	84,933
Industrial/Commercial/Institutional/Multi-res	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	1,099	1,099	1,124	1,150	1,173	1,196	1,220	1,244	1,269	1,295	1,321
TOTAL REVENUES	114,983	120,313	126,592	133,025	139,193	145,423	150,368	155,934	164,442	172,097	181,779
NET EXPENDITURES	-	-	-	-	-	-	-	-	-	-	-
Rate Increase	4.6%	3.8%	5.2%	4.3%	4.3%	4.2%	3.2%	3.6%	5.6%	4.4%	4.8%
RESIDENTIAL BILL (200m³ p.a.)	\$ 373.90	\$ 387.95	\$ 408.10	\$ 425.75	\$ 444.25	\$ 462.75	\$ 477.65	\$ 495.00	\$ 522.80	\$ 545.75	\$ 571.80