

CITY OF HAMILTON
2019 HAMILTON WATER OPERATING BUDGET
COMBINED WATER, WASTEWATER AND STORM

	2018 RESTATE D BUDGET	2018 PROJECTED ACTUAL	2019 REQUESTED BUDGET	CHANGE 2018 PROJECTED ACTUAL / 2018 RESTATE D BUDGET	CHANGE 2019 REQUESTED / 2018 RESTATE D BUDGET		
OPERATING EXPENDITURES:	\$	\$	\$	\$	%	\$	%
<u>Environmental Services</u>							
Divisional Administration & Support	2,079,860	1,926,480	2,242,620	153,380	7.4%	162,760	7.8%
Woodward Upgrades	1,220,310	1,703,560	1,524,540	(483,250)	(39.6%)	304,230	24.9%
Customer Service	432,400	322,600	421,610	109,800	25.4%	(10,790)	(2.5%)
Outreach & Education	1,325,620	1,214,070	1,350,860	111,550	8.4%	25,240	1.9%
Service Co-ordination	3,110,320	3,090,320	4,401,610	20,000	0.6%	1,291,290	41.5%
Engineering Systems & Data Collection	1,278,170	1,098,620	1,286,870	179,550	14.0%	8,700	0.7%
Compliance & Regulations	798,230	818,230	871,210	(20,000)	(2.5%)	72,980	9.1%
Laboratory Services	3,449,120	3,528,030	3,527,640	(78,910)	(2.3%)	78,520	2.3%
Environmental Monitoring & Enforcement	1,755,150	1,674,260	1,818,020	80,890	4.6%	62,870	3.6%
Water Distribution & Wastewater Collection	21,484,360	21,200,590	21,369,840	283,770	1.3%	(114,520)	(0.5%)
Plant Operations & Maintenance	43,041,230	43,238,620	41,383,390	(197,390)	(0.5%)	(1,657,840)	(3.9%)
Capital Delivery	1,865,830	1,717,340	1,859,660	148,490	8.0%	(6,170)	(0.3%)
Sustainable Initiatives	1,470,340	1,439,640	1,497,370	30,700	2.1%	27,030	1.8%
Infrastructure Planning & System Design	2,459,220	2,289,320	2,464,770	169,900	6.9%	5,550	0.2%
Wastewater Abatement Program	1,000,000	1,000,000	1,150,000	-	0.0%	150,000	15.0%
Alectra Utilities Service Contract	5,559,720	5,559,720	5,700,000	-	0.0%	140,280	2.5%
Corporate & Departmental Support Services	6,145,090	6,299,770	6,432,040	(154,680)	(2.5%)	286,950	4.7%
Utilities Arrears Program	500,000	500,000	500,000	-	0.0%	-	-
Gapping Target	-	-	(300,000)	-	-	(300,000)	-
Sewer Lateral Management Program	500,000	500,000	500,000	-	0.0%	-	-
Hamilton Harbour Remedial Action Plan	305,000	304,980	395,000	20	0.0%	90,000	29.5%
Protective Plumbing Program (3P)	2,000,000	1,199,980	1,250,000	800,020	40.0%	(750,000)	(37.5%)
Financial Charges	188,210	164,630	177,000	23,580	12.5%	(11,210)	(6.0%)
	101,968,180	100,790,760	101,824,050	1,177,420	1.2%	(144,130)	(0.1%)
Capital and Reserve Recoveries	(8,678,950)	(8,397,230)	(6,099,580)	(281,720)	3.2%	2,579,370	(29.7%)
Sub-Total Environmental Services	93,289,230	92,393,530	95,724,470	895,700	1.0%	2,435,240	2.6%
<u>Capital and Reserve Impacts on Operating</u>							
<u>Contributions to Capital</u>							
Water Quality Initiatives	36,982,000	36,982,000	51,762,000	-	-	14,780,000	40.0%
Wastewater	45,474,000	45,474,000	42,837,000	-	-	(2,637,000)	(5.8%)
Stormwater	8,516,000	8,516,000	3,205,000	-	-	(5,311,000)	(62.4%)
Sub-Total Contributions to Capital	90,972,000	90,972,000	97,804,000	-	-	6,832,000	7.5%
<u>Contributions for DC Exemptions</u>							
Water Quality Initiatives	2,547,000	2,547,000	2,547,000	-	-	-	0.0%
Wastewater	4,590,000	4,590,000	4,590,000	-	-	-	0.0%
Stormwater	1,863,000	1,863,000	1,863,000	-	-	-	0.0%
Sub-Total Contributions for DC Exemptions	9,000,000	9,000,000	9,000,000	-	-	-	0.0%

CITY OF HAMILTON
2019 HAMILTON WATER OPERATING BUDGET
COMBINED WATER, WASTEWATER AND STORM

OPERATING EXPENDITURES:**Capital Debt Charges**

	2018 RESTATE D BUDGET	2018 PROJECTED ACTUAL	2019 REQUESTED BUDGET	CHANGE 2018 PROJECTED ACTUAL / 2018 RESTATE D BUDGET		CHANGE 2019 REQUESTED / 2018 RESTATE D BUDGET	
	\$	\$	\$	\$	%	\$	%
Water Quality Initiatives	9,448,542	6,582,511	9,762,487	2,866,031	30.3%	313,945	3.3%
Wastewater	8,737,296	7,012,631	10,120,380	1,724,665	19.7%	1,383,084	15.8%
Stormwater	1,839,143	651,022	3,950,054	1,188,121	64.6%	2,110,911	114.8%
DC Debt Charges Recoveries	(2,917,437)	(162,840)	(4,467,237)	(2,754,597)	94.4%	(1,549,800)	53.1%
Sub-Total Debt Charges	17,107,544	14,083,324	19,365,685	3,024,220	17.7%	2,258,141	13.2%
Sub-Total Capital Financing	117,079,544	114,055,324	126,169,685	3,024,220	2.6%	9,090,141	7.8%
Reserve Transfers	494,513	1,458,810	365,324	(964,296)	(195.0%)	(129,189)	(26.1%)
Sub-Total Capital and Reserve Impacts on Operating	117,574,058	115,514,134	126,535,009	2,059,924	1.8%	8,960,951	7.6%
TOTAL EXPENDITURES	210,863,288	207,907,664	222,259,479	2,955,624	1.4%	11,396,191	5.4%

REVENUES:**Rate Revenue**

Residential	92,860,600	90,865,306	97,938,766	(1,995,294)	(2.1%)	5,078,166	5.5%
Industrial/Commercial/Institutional/Multi-res	102,918,990	101,835,660	107,752,759	(1,083,330)	(1.1%)	4,833,769	4.7%
Haldimand	2,196,300	2,196,300	2,353,282	-	0.0%	156,982	7.1%
Halton	237,458	237,458	247,782	-	0.0%	10,324	4.3%
Raw Water	2,000	25,000	150,000	23,000	1150.0%	148,000	7400.0%
Non-Metered	550,000	550,000	580,000	-	0.0%	30,000	5.5%
Private Fire Lines	1,350,000	1,475,000	1,550,000	125,000	9.3%	200,000	14.8%
Hauler / 3rd Party Sales	1,475,000	1,475,000	1,225,000	-	0.0%	(250,000)	(16.9%)
Overstrength Agreements	2,249,480	2,249,480	2,249,480	-	0.0%	-	0.0%
Sewer Surcharge Agreements	4,000,000	4,000,000	5,200,000	-	0.0%	1,200,000	30.0%
Sub-Total Utility Rates	207,839,828	204,909,204	219,247,069	(2,930,624)	(1.4%)	11,407,241	5.5%

Non-Rate Revenue

Local Improvement Recoveries	275,850	275,850	275,850	-	-	-	-
Permits / Leases / Agreements	1,439,600	1,439,600	1,365,050	-	-	(74,550)	(5.2%)
Investment Income	450,000	450,000	450,000	-	0.0%	-	-
General Fees and Recoveries	858,010	833,010	921,510	(25,000)	(2.9%)	63,500	7.4%
Sub-Total Non-Rate Revenue	3,023,460	2,998,460	3,012,410	(25,000)	(.8%)	(11,050)	(.4%)
TOTAL REVENUES	210,863,288	207,907,664	222,259,479	(2,955,624)	(1.4%)	11,396,191	5.4%
NET EXPENDITURES	-	0	-	(0)	-	-	-

CITY OF HAMILTON
2019 - 2022 WATER, WASTEWATER AND STORM OPERATING BUDGET
COMBINED WATER, WASTEWATER AND STORM

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2018	2019	2020	2021	2022	CHANGE		CHANGE		CHANGE	
RESTATED	REQUESTED	PROJECTED	PROJECTED	PROJECTED	2019 REQUESTED /		2020 PROJECTED /		2021 PROJECTED /	
BUDGET	BUDGET	BUDGET	BUDGET	BUDGET	2018 RESTATED BUDGET		2019 REQUESTED BUDGET		2020 PROJECTED BUDGET	
\$	\$	\$	\$	\$	\$	%	\$	%	\$	%
2,079,860	2,242,620	2,309,898	2,379,195	2,450,571	162,760	7.8%	67,279	3.0%	69,297	3.0%
1,220,310	1,524,540	1,570,276	1,617,384	1,665,906	304,230	24.9%	45,736	3.0%	47,108	3.0%
432,400	421,610	434,258	447,286	460,705	(10,790)	(2.5%)	12,648	3.0%	13,028	3.0%
1,325,620	1,350,860	1,391,386	1,433,127	1,476,121	25,240	1.9%	40,526	3.0%	41,742	3.0%
3,110,320	4,401,610	4,533,658	4,669,668	4,809,758	1,291,290	41.5%	132,048	3.0%	136,010	3.0%
1,278,170	1,286,870	1,325,476	1,365,240	1,406,198	8,700	0.7%	38,606	3.0%	39,764	3.0%
798,230	871,210	897,346	924,267	951,995	72,980	9.1%	26,136	3.0%	26,920	3.0%
3,449,120	3,527,640	3,633,469	3,742,473	3,854,747	78,520	2.3%	105,829	3.0%	109,004	3.0%
1,755,150	1,818,020	1,872,561	1,928,737	1,986,600	62,870	3.6%	54,541	3.0%	56,177	3.0%
21,484,360	21,369,840	22,010,935	22,671,263	23,351,401	(114,520)	(0.5%)	641,095	3.0%	660,328	3.0%
43,041,230	41,383,390	42,624,892	43,903,638	45,421,748	(1,657,840)	(3.9%)	1,241,502	3.0%	1,278,747	3.0%
1,865,830	1,859,660	1,915,450	1,972,913	2,032,101	(6,170)	(0.3%)	55,790	3.0%	57,463	3.0%
1,470,340	1,497,370	1,542,291	1,588,560	1,636,217	27,030	0.0%	44,921	3.0%	46,269	3.0%
2,459,220	2,464,770	2,538,713	2,614,874	2,693,321	5,550	0.2%	73,943	3.0%	76,161	3.0%
1,000,000	1,150,000	1,184,500	1,220,035	1,256,636	150,000	15.0%	34,500	3.0%	35,535	3.0%
5,559,720	5,700,000	5,871,000	6,047,130	6,228,544	140,280	2.5%	171,000	3.0%	176,130	3.0%
6,145,090	6,432,040	6,531,121	6,633,174	6,738,289	286,950	4.7%	99,081	1.5%	102,053	1.6%
500,000	500,000	500,000	500,000	500,000	-	-	-	-	-	-
-	(300,000)	(300,000)	(300,000)	(300,000)	(300,000)	-	-	-	-	-
500,000	500,000	515,000	530,450	546,364	-	-	15,000	3.0%	15,450	3.0%
305,000	395,000	406,850	419,056	431,627	90,000	29.5%	11,850	3.0%	12,206	3.0%
2,000,000	1,250,000	1,287,500	1,326,125	1,365,909	(750,000)	(37.5%)	37,500	3.0%	38,625	3.0%
188,210	177,000	182,310	187,779	193,413	(11,210)	(0)	5,310	3.0%	5,469	3.0%
(8,678,950)	(6,099,580)	(6,282,567)	(6,471,044)	(6,665,176)	2,579,370	(29.7%)	(182,987)	3.0%	(188,477)	3.0%
93,289,230	95,724,470	98,496,324	101,351,333	104,492,993	2,435,240	2.6%	2,771,854	2.9%	2,855,010	2.9%
36,982,000	51,762,000	30,761,000	42,634,000	44,001,000	14,780,000	40.0%	(21,001,000)	(40.6%)	11,873,000	38.6%
45,474,000	42,837,000	61,049,000	54,776,000	57,261,000	(2,637,000)	(5.8%)	18,212,000	42.5%	(6,273,000)	(10.3%)
8,516,000	3,205,000	10,865,000	7,525,000	7,355,000	(5,311,000)	(62.4%)	7,660,000	239.0%	(3,340,000)	(30.7%)
90,972,000	97,804,000	102,675,000	104,935,000	108,617,000	6,832,000	7.5%	4,871,000	5.0%	2,260,000	2.2%
2,547,000	2,547,000	2,240,000	2,240,000	2,240,000	-	0.0%	(307,000)	(12.1%)	-	0.0%
4,590,000	4,590,000	4,080,000	4,080,000	4,080,000	-	0.0%	(510,000)	(11.1%)	-	0.0%
1,863,000	1,863,000	1,680,000	1,680,000	1,680,000	-	0.0%	(183,000)	(9.8%)	-	0.0%
9,000,000	9,000,000	8,000,000	8,000,000	8,000,000	-	0.0%	(1,000,000)	(11.1%)	-	0.0%
9,448,542	9,762,487	16,037,531	22,956,813	28,534,306	313,945	3.3%	6,275,044	64.3%	6,919,282	43.1%
8,737,296	10,120,380	13,646,238	18,471,030	24,415,779	1,383,084	15.8%	3,525,858	34.8%	4,824,792	35.4%
1,839,143	3,950,054	7,259,647	9,513,939	10,927,629	2,110,911	114.8%	3,309,592	83.8%	2,254,292	31.1%
(2,917,437)	(4,467,237)	(13,433,955)	(21,872,783)	(28,972,349)	(1,549,800)	53.1%	(8,966,718)	200.7%	(8,438,828)	62.8%
17,107,544	19,365,685	23,509,461	29,068,999	34,905,364	2,258,141	13.2%	4,143,777	21.4%	5,559,538	23.6%
117,079,544	126,169,685	134,184,461	142,003,999	151,522,364	9,090,141	7.8%	8,014,777	6.4%	7,819,538	5.8%
494,513	365,324	166,276	151,352	255,975	(129,189)	(26.1%)	(199,049)	(54.5%)	(14,924)	(9.0%)
117,574,058	126,535,009	134,350,737	142,155,351	151,778,339	8,960,951	7.6%	7,815,728	6.2%	7,804,614	5.8%
210,863,288	222,259,479	232,847,061	243,506,685	256,271,332	11,396,191	5.4%	10,587,582	4.8%	10,659,624	4.6%

CITY OF HAMILTON
2019 - 2022 WATER, WASTEWATER AND STORM OPERATING BUDGET
COMBINED WATER, WASTEWATER AND STORM

	2018 RESTATED BUDGET	2019 REQUESTED BUDGET	2020 PROJECTED BUDGET	2021 PROJECTED BUDGET	2022 PROJECTED BUDGET	CHANGE 2019 REQUESTED / 2018 RESTATED BUDGET	CHANGE 2020 PROJECTED / 2019 REQUESTED BUDGET	CHANGE 2021 PROJECTED / 2020 PROJECTED BUDGET		
	\$	\$	\$	\$	\$	%	\$	%	\$	%
REVENUES:										
Rate Revenue										
Residential	92,860,600	97,938,766	103,206,630	108,616,861	114,372,031	5,078,166	5.4%	5,410,231	5.2%	
Industrial/Commercial/Institutional/Multi-res	102,918,990	107,752,759	112,678,981	117,500,794	123,673,707	4,833,769	4.6%	4,821,812	4.3%	
Haldimand	2,196,300	2,353,282	2,359,268	2,359,998	2,731,321	156,982	7.1%	730	0.0%	
Halton	237,458	247,782	259,960	270,220	285,271	10,324	4.3%	10,260	3.9%	
Raw Water	2,000	150,000	150,000	150,000	150,000	148,000	7400.0%	-	0.0%	
Non-Metered	550,000	580,000	580,000	610,000	640,000	30,000	5.5%	30,000	5.2%	
Private Fire Lines	1,350,000	1,550,000	1,596,500	1,644,395	1,693,727	200,000	14.8%	47,895	3.0%	
Hauler / 3rd Party Sales	1,475,000	1,225,000	1,261,750	1,299,603	1,338,591	(250,000)	(0)	37,853	3.0%	
Overstrength Agreements	2,249,480	2,249,480	2,316,964	2,386,473	2,458,068	-	0.0%	69,509	3.0%	
Sewer Surcharge Agreements	4,000,000	5,200,000	5,356,000	5,516,680	5,682,180	1,200,000	30.0%	160,680	3.0%	
Sub-Total Utility Rates	207,839,828	219,247,069	229,766,054	240,355,023	253,024,896	11,407,241	5.5%	10,518,985	4.8%	10,588,969
Non-Rate Revenue										
Local Improvement Recoveries	275,850	275,850	275,850	275,850	275,850	-	-	-	-	
Permits/Leases/Agreements	1,439,600	1,365,050	1,406,002	1,448,182	1,491,627	(74,550)	(5.2%)	42,180	3.0%	
Investment Income	450,000	450,000	450,000	450,000	450,000	-	-	-	-	
General Fees and Recoveries	858,010	921,510	949,155	977,630	1,028,959	63,500	7.4%	28,475	3.0%	
Sub-Total Non-Rate Revenue	3,023,460	3,012,410	3,081,007	3,151,662	3,246,436	(11,050)	(0.4%)	68,597	2.3%	70,655
TOTAL REVENUES	210,863,288	222,259,479	232,847,061	243,506,685	256,271,332	11,396,191	5.4%	10,587,582	4.8%	10,659,624
NET EXPENDITURES	-	-	-	-	-	0	-	-	-	-

CITY OF HAMILTON
2019-2028 WATER, WASTEWATER & STORM OPERATING BUDGET
COMBINED WATER, WASTEWATER AND STORM
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	2018 Restated	2019 Requested	2020 Forecast	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast	2027 Forecast	2028 Forecast
OPERATING EXPENDITURES											
OPERATING COSTS	88,789	91,724	94,266	96,754	97,468	100,460	103,540	106,716	109,988	113,358	116,992
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	-	-	-	468	2,810	2,866	2,924	2,982	3,042	3,102	3,102
TOTAL OPERATING COSTS	93,289	95,724	98,496	101,351	104,493	107,628	110,856	114,182	117,608	121,136	124,770
CAPITAL & RESERVE IMPACTS ON OPERATING											
Contributions to Capital											
Water	36,982	51,762	30,761	42,634	44,001	58,219	61,865	76,319	83,263	74,719	82,942
Wastewater	45,474	42,837	61,049	54,776	57,261	49,460	48,560	51,645	49,155	69,065	80,340
Stormwater	8,516	3,205	10,865	7,525	7,355	8,705	15,385	6,395	10,275	11,135	6,075
Sub-total Contributions to Capital	90,972	97,804	102,675	104,935	108,617	116,384	125,810	134,359	142,693	154,919	169,357
Contributions for DC Exemptions											
Water	2,547	2,547	2,240	2,240	2,240	2,240	2,240	2,240	2,240	2,240	2,240
Wastewater	4,590	4,590	4,080	4,080	4,080	4,080	4,080	4,080	4,080	4,080	4,080
Stormwater	1,863	1,863	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	9,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000
Debt Charges											
Water	9,449	9,762	16,038	22,957	28,534	31,234	31,841	33,987	36,204	36,902	38,118
Wastewater	8,737	10,120	13,646	18,471	24,416	28,103	29,469	30,090	33,919	40,964	47,112
Stormwater	1,839	3,950	7,260	9,514	10,928	11,790	12,101	12,412	12,722	13,033	13,346
DC Debt Charges Recoveries	(2,917)	(4,467)	(13,434)	(21,873)	(28,972)	(33,719)	(35,820)	(38,162)	(44,165)	(53,913)	(64,073)
Sub-total Debt Charges	17,108	19,366	23,509	29,069	34,905	37,408	37,592	38,326	38,681	36,986	34,503
Reserve Transfers	495	365	166	151	256	102	(44)	31	391	465	381
Sub-Total Capital & Reserve Impacts on Operating	117,574	126,535	134,351	142,155	151,778	161,894	171,357	180,717	189,765	200,370	212,241
TOTAL EXPENDITURES	210,863	222,259	232,847	243,507	256,271	269,521	282,214	294,899	307,372	321,506	337,011
REVENUES											
Residential	92,861	97,939	103,207	108,617	114,372	120,472	126,790	133,544	140,997	148,616	156,573
Industrial/Commercial/Institutional/Multi-res	102,919	107,753	112,679	117,501	123,674	130,150	135,865	141,183	145,623	151,437	158,226
Haldimand	2,196	2,353	2,359	2,360	2,731	2,923	3,091	3,202	3,270	3,437	3,643
Halton	237	248	260	270	285	304	321	334	344	360	382
Raw Water	2	150	150	150	150	150	150	150	150	150	150
Non-Metered	550	580	580	610	640	670	700	730	760	790	820
Private Fire Lines	1,350	1,550	1,597	1,644	1,694	1,745	1,797	1,851	1,906	1,963	2,022
Hauler / 3rd Party Sales	1,475	1,225	1,262	1,300	1,339	1,379	1,420	1,463	1,507	1,552	1,598
Overstrength Agreements	2,249	2,249	2,317	2,386	2,458	2,532	2,608	2,686	2,767	2,850	2,935
Sewer Surcharge Agreements	4,000	5,200	5,356	5,517	5,682	5,853	6,028	6,209	6,395	6,587	6,785
Non-Rate Revenue	3,023	3,012	3,081	3,152	3,246	3,344	3,444	3,547	3,654	3,763	3,876
TOTAL REVENUES	210,863	222,259	232,847	243,507	256,271	269,521	282,214	294,899	307,372	321,506	337,011
NET EXPENDITURES	-	-	-	-	-	-	-	-	-	-	-
Rate Increase	4.50%	4.66%	4.50%	4.37%	4.48%	4.53%	4.39%	4.43%	4.60%	4.51%	4.51%
RESIDENTIAL BILL (200m³ p.a.)	\$ 690.70	\$ 722.90	\$ 755.45	\$ 788.45	\$ 823.75	\$ 861.05	\$ 898.85	\$ 938.70	\$ 981.90	\$ 1,026.20	\$ 1,072.45