

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

	2018 RESTATED BUDGET	2018 PROJECTED ACTUAL	2019 REQUESTED BUDGET	CHANGE 2018 PROJECTED ACTUAL / 2018 RESTATED BUDGET		CHANGE 2019 REQUESTED / 2018 RESTATED BUDGET	
	\$	\$	\$	\$	%	\$	%
<u>OPERATING EXPENDITURES:</u>							
<u>Environmental Services</u>							
Divisional Administration & Support	1,143,919	1,059,559	1,229,636	84,360	0	85,717	7.5%
Woodward Upgrades	1,220,310	1,703,560	1,524,540	(483,250)	(0)	304,230	24.9%
Customer Service	215,760	160,860	210,370	54,900	25.4%	(5,390)	(2.5%)
Outreach & Education	647,820	607,050	660,440	40,770	0	12,620	1.9%
Service Co-ordination	1,516,080	1,506,480	2,159,830	9,600	0	643,750	42.5%
Engineering Systems & Data Collection	639,090	549,320	643,440	89,770	0	4,350	0.7%
Compliance & Regulations	399,120	409,120	435,610	(10,000)	(0)	36,490	9.1%
Laboratory Services	2,339,429	2,409,190	2,394,864	(69,762)	(0)	55,435	2.4%
Environmental Monitoring & Enforcement	1,755,150	1,674,260	1,818,020	80,890	4.6%	62,870	3.6%
Water Distribution & Wastewater Collection	5,454,950	5,405,100	5,576,780	49,850	0	121,830	2.2%
Plant Operations & Maintenance	21,888,435	21,973,115	21,029,235	(84,680)	(0.4%)	(859,200)	(3.9%)
Capital Delivery	1,026,207	944,537	1,022,813	81,670	0	(3,394)	(0.3%)
Sustainable Initiatives	808,687	791,797	823,555	16,890	0	14,868	1.8%
Infrastructure & Source Water Planning	1,352,571	1,259,121	1,355,629	93,450	0	3,058	0.2%
Wastewater Abatement Program	1,000,000	1,000,000	1,150,000	-	-	150,000	15.0%
Alectra Utilities Service Contract	2,562,360	2,562,360	2,850,000	-	0.0%	287,640	11.2%
Corporate & Departmental Support Services	3,481,970	3,570,820	3,559,590	(88,850)	(2.6%)	77,620	2.2%
Utilities Arrears Program	250,000	250,000	250,000	-	-	-	-
Sewer Lateral Management Program	500,000	500,000	500,000	-	-	-	-
Hamilton Harbour Remedial Action Plan	305,000	304,980	395,000	20	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	184,590	184,630	177,000	(40)	(0)	(7,590)	(0)
Capital and Reserve Recoveries	(5,423,758)	(5,142,038)	(4,217,812)	(281,720)	5.2%	1,205,946	(22.2%)
Sub-Total Environmental Services	45,267,689	44,883,800	46,798,539	383,889	0.8%	1,530,850	3.4%
<u>Capital and Reserve Impacts on Operating</u>							
<u>Contributions to Capital</u>							
Wastewater	45,474,000	45,474,000	42,837,000	-	-	(2,637,000)	(0)
Stormwater	8,516,000	8,516,000	3,205,000	-	-	(5,311,000)	(1)
Sub-Total Contributions to Capital	53,990,000	53,990,000	46,042,000	-	-	(7,948,000)	(0)
<u>Contributions for DC Exemptions</u>							
Wastewater	4,590,000	4,590,000	4,590,000	-	-	-	-
Stormwater	1,863,000	1,863,000	1,863,000	-	-	-	-
Sub-Total Contributions for DC Exemptions	6,453,000	6,453,000	6,453,000	-	-	-	-

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

	2018 RESTATE D BUDGET	2019 REQUESTED BUDGET	2020 PROJECTED BUDGET	2021 PROJECTED BUDGET	2022 PROJECTED BUDGET	CHANGE 2019 REQUESTED / 2018 RESTATE D BUDGET		CHANGE 2020 PROJECTED / 2019 REQUESTED BUDGET		CHANGE 2021 PROJECTED / 2020 PROJECTED BUDGET	
	\$	\$	\$	\$	\$	\$	%	\$	%	\$	%
OPERATING EXPENDITURES:											
<u>Environmental Services</u>											
Divisional Administration & Support	1,143,919	1,229,636	1,266,525	1,304,521	1,343,656	85,717	7.5%	36,889	3.0%	37,996	3.0%
Woodward Upgrades	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%
Customer Service	215,760	210,370	216,681	223,182	229,877	(5,390)	(2.5%)	6,311	3.0%	6,500	3.0%
Outreach & Education	647,820	660,440	680,253	700,661	721,681	12,620	0	19,813	3.0%	20,408	3.0%
Service Co-ordination	1,516,080	2,159,830	2,224,625	2,291,364	2,360,105	643,750	42.5%	64,795	3.0%	66,739	3.0%
Engineering Systems & Data Collection	639,090	643,440	662,743	682,625	703,104	4,350	0.7%	19,303	3.0%	19,882	3.0%
Compliance & Regulations	399,120	435,610	448,678	462,139	476,003	36,490	9.1%	13,068	3.0%	13,460	3.0%
Laboratory Services	2,339,429	2,394,864	2,466,709	2,540,711	2,616,932	55,435	2.4%	71,846	3.0%	74,001	3.0%
Environmental Monitoring & Enforcement	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%
Water Distribution & Wastewater Collection	5,454,950	5,576,780	5,744,083	5,916,406	6,093,898	121,830	2.2%	167,303	3.0%	172,323	3.0%
Plant Operations & Maintenance	21,888,435	21,029,235	21,660,112	22,309,915	23,080,213	(859,200)	(3.9%)	630,877	3.0%	649,803	3.0%
Capital Delivery	1,026,207	1,022,813	1,053,497	1,085,102	1,117,655	(3,394)	(0.3%)	30,684	3.0%	31,605	3.0%
Sustainable Initiatives	808,687	823,555	848,261	873,709	899,920	14,868	1.8%	24,707	3.0%	25,448	3.0%
Infrastructure & Source Water Planning	1,352,571	1,355,629	1,396,297	1,438,186	1,481,332	3,058	0.2%	40,669	3.0%	41,889	3.0%
Wastewater Abatement Program	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%
Alectra Utilities Service Contract	2,562,360	2,850,000	2,935,500	3,023,565	3,114,272	287,640	11.2%	85,500	3.0%	88,065	3.0%
Corporate & Departmental Support Services	3,481,970	3,559,590	3,572,498	3,585,792	3,599,486	77,620	2.2%	12,908	0.4%	13,295	0.4%
Utilities Arrears Program	250,000	250,000	250,000	250,000	250,000	-	-	-	-	-	-
Sewer Lateral Management Program	500,000	500,000	515,000	530,450	546,364	-	-	15,000	3.0%	15,450	3.0%
Hamilton Harbour Remedial Action Plan	305,000	395,000	406,850	419,056	431,627	90,000	29.5%	11,850	3.0%	12,206	3.0%
Protective Plumbing Program (3P)	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%
Financial Charges	184,590	177,000	182,310	187,779	193,413	(7,590)	(0)	5,310	3.0%	5,469	3.0%
Capital and Reserve Recoveries	(5,423,758)	(4,217,812)	(4,344,346)	(4,474,677)	(4,608,917)	1,205,946	(22.2%)	(126,534)	3.0%	(130,330)	3.0%
Sub-Total Environmental Services	45,267,689	46,798,539	48,101,114	49,442,768	50,925,671	1,530,850	3.4%	1,302,576	2.8%	1,341,653	2.8%
<u>Capital and Reserve Impacts on Operating</u>											
<u>Contributions to Capital</u>											
Wastewater	45,474,000	42,837,000	61,049,000	54,776,000	57,261,000	(2,637,000)	(0)	18,212,000	42.5%	(6,273,000)	(10.3%)
Stormwater	8,516,000	3,205,000	10,865,000	7,525,000	7,355,000	(5,311,000)	(1)	7,660,000	239.0%	(3,340,000)	(30.7%)
Sub-Total Contributions to Capital	53,990,000	46,042,000	71,914,000	62,301,000	64,616,000	(7,948,000)	(0)	25,872,000	56.2%	(9,613,000)	(13.4%)
<u>Contributions for DC Exemptions</u>											
Wastewater	4,590,000	4,590,000	4,080,000	4,080,000	4,080,000	-	-	(510,000)	(11.1%)	-	0.0%
Stormwater	1,863,000	1,863,000	1,680,000	1,680,000	1,680,000	-	-	(183,000)	(9.8%)	-	0.0%
Sub-Total Contributions for DC Exemptions	6,453,000	6,453,000	5,760,000	5,760,000	5,760,000	-	-	(693,000)	(10.7%)	-	0.0%
<u>Debt Charges</u>											
Wastewater	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%
Stormwater	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%
DC Debt Charges Recoveries	(1,740,795)	(3,490,867)	(9,293,760)	(13,990,696)	(18,722,403)	(1,750,072)	100.5%	(5,802,893)	166.2%	(4,696,936)	50.5%
Sub-Total Debt Charges	8,835,644	10,579,567	11,612,125	13,994,273	16,621,004	1,743,924	19.7%	1,032,558	9.8%	2,382,148	20.5%
Sub-Total Capital Financing	69,278,644	63,074,567	89,286,125	82,055,273	86,997,004	(6,204,076)	(9.0%)	26,211,558	41.6%	(7,230,852)	(8.1%)
Reserve Transfers	(5,895,042)	5,110,363	(16,920,298)	(4,939,085)	(5,140,736)	11,005,405	(186.7%)	(22,030,661)	(431.1%)	11,981,213	(70.8%)
Sub-Total Capital and Reserve Impacts on Operating	63,383,602	68,184,930	72,365,827	77,116,188	81,856,268	4,801,329	7.6%	4,180,897	6.1%	4,750,361	6.6%
TOTAL EXPENDITURES	108,651,290	114,983,469	120,466,941	126,558,956	132,781,938	6,332,179	5.8%	5,483,473	4.8%	6,092,014	5.1%

CITY OF HAMILTON
2019-2028 WATER, WASTEWATER & STORM OPERATING BUDGET
COMBINED 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	40,768	42,799	43,871	44,846	43,900	45,285	46,710	48,181	49,697	51,258	53,029
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	45,268	46,799	48,101	49,443	50,925	52,453	54,026	55,647	57,317	59,036	60,807
CAPITAL & RESERVE IMPACTS ON OPERATING											
Contributions to Capital											
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	53,990	46,042	71,914	62,301	64,616	58,165	63,945	58,040	59,430	80,200	86,415
Contributions for DC Exemptions											
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	6,453	6,453	5,760	5,760	5,760	5,760	5,760	5,760	5,760	5,760	5,760
Debt Charges											
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	(1,741)	(3,491)	(9,294)	(13,991)	(18,722)	(22,577)	(24,408)	(25,495)	(29,788)	(37,680)	(45,514)
Sub-total Debt Charges	8,836	10,580	11,612	13,994	16,621	17,316	17,163	17,007	16,854	16,317	14,944
Reserve Transfers	(5,895)	5,110	(16,920)	(4,939)	(5,132)	5,146	3,098	12,959	16,038	499	11
Sub-Total Capital & Reserve Impacts on Operating	63,384	68,185	72,366	77,116	81,865	86,387	89,966	93,766	98,081	102,776	107,130
TOTAL EXPENDITURES	108,651	114,983	120,467	126,559	132,790	138,840	143,992	149,413	155,398	161,812	167,937
REVENUES											
Residential	47,558	50,144	52,974	56,195	59,074	62,137	64,864	67,469	70,821	74,682	78,147
Industrial/Commercial/Institutional/Multi-res	52,679	55,212	57,592	60,168	63,209	65,874	67,970	70,447	72,731	74,925	77,216
Non-Metered	275	290	290	305	320	335	350	365	380	395	410
Hauler / 3rd Party Sales	790	790	814	838	863	889	916	943	972	1,001	1,031
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	1,100	1,099	1,124	1,150	1,184	1,220	1,256	1,294	1,333	1,373	1,414
TOTAL REVENUES	108,651	114,983	120,467	126,559	132,790	138,840	143,992	149,413	155,398	161,812	167,937
NET EXPENDITURES	-	-	-	-	-	-	-	-	-	-	-
Rate Increase	5.2%	4.6%	4.7%	5.1%	4.3%	4.3%	3.5%	3.2%	4.0%	4.5%	3.7%
RESIDENTIAL BILL (200m³ p.a.)	\$ 357.40	\$ 373.90	\$ 391.60	\$ 411.75	\$ 429.40	\$ 447.90	\$ 463.60	\$ 478.45	\$ 497.80	\$ 520.00	\$ 539.35