CITY OF HAMILTON 2020 HAMILTON WATER OPERATING BUDGET WASTEWATER

	2019	2019	2020	20 CHANGE		CHANGE		
	RESTATED	PROJECTED	REQUESTED	2019 PROJECTE	ACTUAL	2020 REQUES	STED /	
	BUDGET	ACTUAL	BUDGET	/ 2019 RESTATED	BUDGET	2019 RESTATED	BUDGET	
	\$	\$	\$	\$	%	\$	%	
OPERATING EXPENDITURES:								
Environmental Services								
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%		3.0%	
Plant Operations & Maintenance	20,209,645	19,232,942	16,335,190	976,703	4.8%	152,039 (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	<u>.</u>	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%)	
Č	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)	• •	0	(0.0%)	39,002	(1.1%)	
Sub-Total Environmental Services	42,000,278	40,711,420	37,064,923	1,288,858	3.1%	(4,935,355)	(11.8%)	
Capital and Reserve Impacts on Operating								
Contributions to Capital								
Wastewater	42,837,000	42,837,000	52,673,000	-	-	9,836,000	23.0%	
Sub-Total Contributions to Capital	42,837,000	42,837,000	52,673,000	-	_	9,836,000	23.0%	
Contributions for DC Exemptions								
Wastewater	4,590,000	4,590,000	4,080,000	_	-	(510,000)	(11.1%)	
Sub-Total Contributions for DC Exemptions	4,590,000	4,590,000	4,080,000	žia.	-	(510,000)	(11.1%)	

CITY OF HAMILTON App. 2019 HAMILTON WATER OPERATING BUDGET WASTEWATER

Debt Charges Wastewater DC Debt Charges Recoveries Sub-Total Debt Charges Sub-Total Capital Financing Reserve Transfers	2019 RESTATED BUDGET \$ 10,120,380 (1,669,722) 8,450,658 55,877,658 16,937,533 72,815,191 114,815,469	2019 PROJECTED ACTUAL \$ 7,012,631 (113,893) 6,898,738 54,325,738 19,199,811 73,525,549 114,236,969	2020 REQUESTED BUDGET \$ 11,514,374 (2,260,170) 9,254,204 66,007,204 17,072,542 83,079,746	CHANG 2019 PROJECTEI / 2019 RESTATEI \$ 3,107,749 (1,555,829) 1,551,920 1,551,920 (2,262,278) (710,358)	ACTUAL	CHANGI 2020 REQUES 2019 RESTATED \$ 1,393,994 (590,448) 803,546 10,129,546 135,009	**************************************
Wastewater DC Debt Charges Recoveries Sub-Total Debt Charges Sub-Total Capital Financing	\$ 10,120,380 (1,669,722) 8,450,658 55,877,658 16,937,533 72,815,191	\$ 7,012,631 (113,893) 6,898,738 54,325,738 19,199,811 73,525,549	\$ 11,514,374 (2,260,170) 9,254,204 66,007,204 17,072,542	3,107,749 (1,555,829) 1,551,920 1,551,920 (2,262,278)	30.7% 93.2% 18.4% 2.8% (13.4%)	2019 RESTATED \$ 1,393,994 (590,448) 803,546 10,129,546	80DGET % 13.8% 35.4% 9.5% 18.1% 0.8%
Wastewater DC Debt Charges Recoveries Sub-Total Debt Charges Sub-Total Capital Financing	10,120,380 (1,669,722) 8,450,658 55,877,658 16,937,533 72,815,191	7,012,631 (113,893) 6,898,738 54,325,738 19,199,811 73,525,549	11,514,374 (2,260,170) 9,254,204 66,007,204 17,072,542	\$ 3,107,749 (1,555,829) 1,551,920 1,551,920 (2,262,278)	% 30.7% 93.2% 18.4% 2.8% (13.4%)	\$ 1,393,994 (590,448) 803,546 10,129,546	% 13.8% 35.4% 9.5% 18.1% 0.8%
Wastewater DC Debt Charges Recoveries Sub-Total Debt Charges Sub-Total Capital Financing	(1,669,722) 8,450,658 55,877,658 16,937,533 72,815,191	(113,893) 6,898,738 54,325,738 19,199,811 73,525,549	(2,260,170) 9,254,204 66,007,204 17,072,542	(1,555,829) 1,551,920 1,551,920 (2,262,278)	93.2% 18.4% 2.8% (13.4%)	(590,448) 803,546 10,129,546	35.4% 9.5% 18.1% 0.8%
DC Debt Charges Recoveries Sub-Total Debt Charges Sub-Total Capital Financing	(1,669,722) 8,450,658 55,877,658 16,937,533 72,815,191	(113,893) 6,898,738 54,325,738 19,199,811 73,525,549	(2,260,170) 9,254,204 66,007,204 17,072,542	(1,555,829) 1,551,920 1,551,920 (2,262,278)	93.2% 18.4% 2.8% (13.4%)	(590,448) 803,546 10,129,546	35.4% 9.5% 18.1% 0.8%
Sub-Total Debt Charges Sub-Total Capital Financing	8,450,658 55,877,658 16,937,533 72,815,191	6,898,738 54,325,738 19,199,811 73,525,549	9,254,204 66,007,204 17,072,542	1,551,920 1,551,920 (2,262,278)	18.4% 2.8% (13.4%)	803,546 10,129,546	9.5% 18.1% 0.8%
Sub-Total Capital Financing	55,877,658 16,937,533 72,815,191	54,325,738 19,199,811 73,525,549	66,007,204 17,072,542	1,551,920 (2,262,278)	2.8% (13.4%)	10,129,546	18.1% 0.8%
•	16,937,533 72,815,191	19,199,811 73,525,549	17,072,542	(2,262,278)	(13.4%)		0.8%
Reserve Transfers	72,815,191	73,525,549				135,009	
			83,079,746	(710.358)	(1.0%)		
Sub-Total Cap\Reserve Impacts on Operating	114,815,469	114 236 969		(, . 30)	(1.070)	10,264,555	14.1%
TOTAL EXPENDITURES		114,200,000	120,144,669	578,500	0.5%	5,329,200	4.6%
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%
Sub-Total Utility Rates	113,884,619	113,498,019	119,213,819	(386,600)	(.3%)	5,329,200	4.7%
Non-Rate Revenue	005.050	005.050	005.050				
Local Improvement Recoveries	265,850	265,850	265,850	(404.000)	(27.20()	-	0.00/
Permits / Leases / Agreements Investment Income	515,000	323,100	515,000	(191,900)	(37.3%) 0.0%	-	0.0% 0.0%
General Fees and Recoveries	150,000	150,000	150,000	_	0.0%	- -	0.0%
Ochera i ees and Necovenes		150,000	130,000		0.0%		0.0%
Sub-Total Non-Rate Revenue	930,850	738,950	930,850	(191,900)	(20.6%)	-	0.0%
TOTAL REVENUES	114,815,469	114,236,969	120,144,669	(578,500)	(.5%)	5,329,200	4.6%
NET EXPENDITURES	_	_	_	_	**	_	-

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

	2019 RESTATED	2020	2021	2022	2023	CHANGI		CHANGE		CHANGE	
		REQUESTED	PROJECTED	PROJECTED	PROJECTED	2020 REQUES	eren/	2021 PROJEC	ren/	2022 PROJEC	
	BUDGET	BUDGET	BUDGET	BUDGET	BUDGET	2019 RESTATED		2020 REQUES	\$100 SECTION AND THE SECTION A	2021 PROJEC	
	BUDGEI	DODGE1	BUDGET	BUDGET	BUUGEI	2013 RESTATED	BUDGET	BUDGET	IEU	BUDGET	LED
	\$	\$	\$	\$	\$	\$	<u>-</u>	\$	%	\$	%
OPERATING EXPENDITURES:	•	*	Ψ	•	Ψ	Ψ	70	•	70	•	74
Divisional Administration & Support	1,006,104	631,688	644,322	657,208	670,352	(374,416)	(37.2%)	12,634	2.0%	12,886	2.0%
Woodward Upgrades	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%
Customer Service	168,630	101,921	103,959	106,038	108,159	(66,709)	(39.6%)	2,038	2.0%	2,079	2.0%
Outreach & Education	528,350	484,825	494,521	504,412	514,500	(43,525)	(8.2%)	9,696	2.0%	9,890	2.0%
Service Co-ordination	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%
Engineering Systems & Data Collection	514,750	540,735	551,549	562,580	573,832	25,985	5.0%	10,815	2.0%	11,031	2.0%
Compliance & Regulations	414,730	465,083	474,384	483,872	493,549	50,353	12.1%	9,302	2.0%	9,488	2.0%
Laboratory Services	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%
Environmental Monitoring & Enforcement	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%
Water Distribution & Wastewater Collection	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%
Plant Operations & Maintenance	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%
Capital Delivery	836,847	717,755	732,110	746,752	761,687	(119,092)	(14.2%)	14,355	2.0%	14,642	2.0%
Sustainable Initiatives	673,816	643,991	656,871	670,009	683,409	(29,824)	(4.4%)	12,880	2.0%	13,137	2.0%
Infrastructure Planning & System Design	1,109,142	899,608	917,601	935,953	954,672	(209,533)	(18.9%)	17,992	2.0%	18,352	2.0%
Wastewater Abatement Program	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%
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	2.0%	57,120	2.0%
Corporate & Departmental Support Services	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%
Utilities Arrears Program	250,000	250,040	255,041	260,142	265,344	40	0	5,001	2.0%	5,101	2.0%
Sewer Lateral Management Program	500,000	414,738	423,033	431,493	440,123	(85,262)	(17.1%)	8,295	2.0%	8,461	2.0%
Financial Charges	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%
Capital and Reserve Recoveries	(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%
Sub-Total	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%
Capital and Reserve Impacts on Operating											
Contributions to Capital											
Water Quality Initiatives	-			<u>-</u>	<u> </u>	-		·			
Wastewater	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%)
Sub-Total Contributions to Capital	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%)
Contributions for DC Exemptions											
Wastewater	4,590,000	4,080,000	4,080,000	4,080,000	4,080,000	(510,000)	(11.1%)	-	0.0%	-	0.0%
Sub-Total Contributions for DC Exemptions	4,590,000	4,080,000	4,080,000	4,080,000	4,080,000	(510,000)	(11.1%)	-	0.0%	•	0.0%
<u>Debt Charges</u>											
Wastewater	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%
DC Debt Charges Recoveries	(1,669,722)	(2,260,170)	(6,113,270)	(9,356,174)	(11,581,584)		35.4%	(3,853,100)	170.5%	(3,242,903)	53.0%
Sub-Total Debt Charges	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%
Sub-Total Capital Financing	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%
Reserve Transfers	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%
Sub-Total Capital and Reserve Impacts on Operating	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%
TOTAL EXPENDITURES	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%

CITY OF HAMILTON 2019 - 2022 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 2		CHANGE 2022 PROJECTED / 2021 PROJECTED BUDG	
REVENUES:	\$	\$	\$	\$	\$	\$	%	\$	%	\$	%
ARTERIORE:											
Rate Revenue											
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%
ICI	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%
Non-Metered	290,000	290,000	290,000	305,000	320,000	•	0.0%	-	0.0%	15,000	5.2%
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%
Non-Rate Revenue											
Local Improvement Recoveries	265,850	265,850	265,850	265,850	265,850	-	-	•	-		_
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	150,000	150,000	154,500	159,135	163,909	-	0.0%	4,500	3.0%	4,635	3.0%
Sub-Total Non-Rate Revenue	930,850	930,850	950,800	971,349	992,513	-	0.0%	19,950	2.1%	20,549	2.2%
TOTAL REVENUES	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%
NET EXPENDITURES	-	-		-		-	_	-	_	0	_

CITY OF HAMILTON 2020-2029 WATER, WASTEWATER & STORM OPERATING BUDGET WASTEWATER

(\$ 000'S)

	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
	Restated	Requested	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	
ODEDATING EVENING UPEN	1											
OPERATING EXPENDITURES	J											
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	
CAPITAL & RESERVE IMPACTS ON OP	CADITAL & DESERVE IMPACTS ON ODERATING											
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	
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	
Contributions for DC Exemptions												
Wastewater	4.590		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	
Debt Charges												
Wastewater	10,120	•	18,224	24,836	29,106	30,401	30,518	34,295	41,345	47,498	51,136	
DC Debt Charges Recoveries Sub-total Debt Charges	(1,670) 8.451	(2,260) 9,254	(6,113) 12,111	(9,356) 15,480	(11,582) 17,525	(12,576) 17,826	(12,867) 17,650	(16,818) 17,477	(24,368) 16,977	(31,858) 15,640	(35,622) 15,514	
J	•	•	•	•	•	· ·	•	•	•	•	•	
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		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	
REVENUES]											
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		59,991	63,044	65,725	68,406	70,233	72,257	75,626	78,796		
Non-Metered	290		290	305	320	335	350	365	380	395		
Hauler / 3rd Party Sales	790		814	838	855	872	889	907	925	944		
Overstrength Agreements	2,249		2,980	3,069	3,130	3,193	3,257	3,322	3,389	3,456		
Sewer Surcharge Agreements Non-Rate Revenue	5,200		5,981 951	6,160 971	6,284 991	6,409 1,011	6,537 1,031	6,668 1,051	6,802 1,072	6,938 1,094		
TOTAL REVENUES	931 114,815		126,419	132,847	139,011	145,238	150,179	1,051	164,245	171,896		
•	114,013	120,145	120,419	132,047	133,011	140,230	100,179	100,741	104,245	17 1,030	101,3/4	
NET EXPENDITURES	-		•	-		-	-	-				