## CITY OF HAMILTON Append 2019 HAMILTON WATER OPERATING BUDGET WASTEWATER

	2018 2018		2019	CHANG		CHANGI	<b>E</b>
	RESTATED	PROJECTED	REQUESTED	2018 PROJECTED	ACTUAL	2019 REQUES	STED /
	BUDGET	ACTUAL	BUDGET	/ 2018 RESTATED	BUDGET	2018 RESTATED	BUDGET
	\$	\$	\$	\$	%	\$	%
OPERATING EXPENDITURES:							
Environmental Services							
Divisional Administration & Support	935,962	866,942	1,006,104	69,020	7.4%	70,142	7.5%
Woodward Upgrades	1,220,310	1,703,560	1,524,540	(483,250)	(39.6%)	304,230	24.9%
Customer Service	172,950	129,030	168,630	43,920	25.4%	(4,320)	(2.5%)
Outreach & Education	518,250	485,630	528,350	32,620	6.3%	10,100	1.9%
Service Co-ordination	913,990	908,190	1,301,020	5,800	0.6%	387,030	42.3%
Engineering Systems & Data Collection	511,270	439,450	514,750	71,820	14.0%	3,480	0.7%
Compliance & Regulations	385,540	393,540	414,730	(8,000)	(2.1%)	29,190	7.6%
Laboratory Services	2,207,768	2,274,810	2,258,943	(67,042)	(3.0%)	51,175	2.3%
Environmental Monitoring & Enforcement	1,691,530	1,613,880	1,752,210	77,650	4.6%	60,680	3.6%
Water Distribution & Wastewater Collection	4,939,610	4,899,110	5,042,270	40,500	0.8%	102,660	2.1%
Plant Operations & Maintenance	21,076,645	21,150,365	20,209,645	(73,720)	(0.3%)	(867,000)	(4.1%)
Capital Delivery	839,624	772,804	836,847	66,820	8.0%	(2,777)	(0.3%)
Sustainable Initiatives	661,653	647,843	673,816	13,810	2.1%	12,163	1.8%
Infrastructure Planning & System Design	1,106,649	1,030,199	1,109,142	76,450	6.9%	2,493	0.2%
Wastewater Abatement Program	1,000,000	1,000,000	1,150,000	· <del>-</del>	0.0%	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	3,053,570	3,142,450	3,129,340	(88,880)	(2.9%)	75,770	2.5%
Utilities Arrears Program	250,000	250,000	250,000	(, <i>-</i>	0.0%	_	0.0%
Sewer Lateral Management Program	500,000	500,000	500,000	_	0.0%	-	0.0%
Financial Charges	183,670	183,670	177,000	_	0.0%	(6,670)	(3.6%)
<b>3</b>	44,731,350	44,953,832	45,397,336	(222,482)	(0.5%)	665,986	1.5%
Capital and Reserve Recoveries	(4,410,242)	(4,128,522)		• • • •	6.4%	1,013,184	(23.0%)
Sub-Total Environmental Services	40,321,108	40,825,310	42,000,278	(504,202)	(1.3%)	1,679,170	4.2%
Capital and Reserve Impacts on Operating							
Contributions to Capital	4E 474 000	4E 474 000	42 027 000			(2.627.000)	(5.8%)
Wastewater	45,474,000	45,474,000	42,837,000	-		(2,637,000)	
Sub-Total Contributions to Capital	45,474,000	45,474,000	42,837,000	-	-	(2,637,000)	(5.8%)
Contributions for DC Exemptions							
Wastewater	4,590,000	4,590,000	4,590,000	-	-	-	0.0%
Sub-Total Contributions for DC Exemptions	4,590,000	4,590,000	4,590,000	-	-	-	0.0%

# CITY OF HAMILTON 2019 HAMILTON WATER OPERATING BUDGET WASTEWATER

	2018	2018	2019	CHANGE	Committee of the second	CHANG	
	RESTATED	PROJECTED	REQUESTED		OF EXPLOSION STATES AND AND AND ADDRESS.	2019 REQUES	
	BUDGET	ACTUAL	BUDGET	/ 2018 RESTATED		2018 RESTATED	
	\$	\$	\$	\$	%	\$	%
Debt Charges							
Wastewater	8,737,296	7,012,631	10,120,380	1,724,665	19.7%	1,383,084	15.8%
DC Debt Charges Recoveries	(1,007,689)	(113,893)	(1,669,722)	(893,796)	88.7%	(662,033)	65.7%
Sub-Total Debt Charges	7,729,607	6,898,738	8,450,658	830,869	10.7%	721,051	9.3%
Sub-Total Capital Financing	57,793,607	56,962,738	55,877,658	830,869	1.4%	(1,915,949)	(3.3%)
Reserve Transfers	10,368,575	8,734,593	16,937,533	1,633,983	15.8%	6,568,957	63.4%
Sub-Total Cap\Reserve Impacts on Operating	68,162,182	65,697,331	72,815,191	2,464,851	3.6%	4,653,009	6.8%
TOTAL EXPENDITURES	108,483,290	106,522,641	114,815,469	1,960,649	1.8%	6,332,179	5.8%
REVENUES:							
Rate Revenue							
Residential	<b>4</b> 7,557,920	46,528,976	50,143,510	(1,028,944)	(2.2%)	2,585,590	5.4%
ICI	52,679,040	52,123,835	55,211,628	(555,205)	(1.1%)	2,532,588	<b>4</b> .8%
Non-Metered	275,000	275,000	290,000	-	0.0%	15,000	5.5%
Hauler / 3rd Party Sales	790,000	790,000	790,000	-	-	=	0.0%
Overstrength Agreements	2,249,480	2,148,500	2,249,480	(100,980)	(0)		0.0%
Sewer Surcharge Agreements	4,000,000	3,914,380	5,200,000	(85,620)	(2.1%)	1,200,000	30.0%
Sub-Total Utility Rates	107,551,440	105,780,691	113,884,619	(1,770,749)	(1.6%)	6,333,179	5.9%
Non-Rate Revenue	•						
Local Improvement Recoveries	265,850	265,850	265,850	_	_	_	_
Permits / Leases / Agreements	513,000	323,100	515,000	(189,900)	(37.0%)	2,000	0.4%
Sub-Total Non-Rate Revenue	931,850	741,950	930,850	(189,900)	(20.4%)	(1,000)	(.1%)
TOTAL REVENUES	108,483,290	106,522,641	114,815,469	(1,960,649)	(1.8%)	6,332,179	5.8%
NET EXPENDITURES	-	-		-	_	<u>-</u>	_

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

	2018	2019	2020	2021	2022	CHANGE		CHANGE		CHANGE	
	RESTATED	REQUESTED	1000	PROJECTED	PROJECTED	2019 REQUES	TFD (	2020 PROJECTED /		2021 PROJEC	TED/
	BUDGET	BUDGET	BUDGET	BUDGET	Same and the second	198	18 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -				
	200 AVII				\$ \$	\$		#19 KEQUES   ED		020 PROJECTED	-
OPERATING EXPENDITURES:	\$	\$	\$	\$	Þ	Ф	%	Ф	%	\$	%
OPERATING EXPENDITURES:											
Environmental Services											
Divisional Administration & Support	935,962	1,006,104	1,036,287	1,067,376	1,099,397	70,142	7.5%	30,183	3.0%	31,089	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	172,950	168,630	173,689	178,900	184,267	(4,320)	(2.5%)	5,059	3.0%	5,211	3.0%
Outreach & Education	518,250	528,350	544,201	560,527	577,342	10,100	1.9%	15,851	3.0%	16,326	3.0%
Service Co-ordination	913,990	1,301,020	1,340,051	1,380,252	1,421,660	387,030	42.3%	39,031	3.0%	40,202	3.0%
Engineering Systems & Data Collection	511,270	514,750	530,193	546,098	562,481	3,480	0.7%	15,443	3.0%	15,906	3.0%
Compliance & Regulations	385,540	414,730	427,172	439,987	453,187	29,190	7.6%	12,442	3.0%	12,815	3.0%
Laboratory Services	2,207,768	2,258,943	2,326,711	2,396,513	2,468,408	51,175	2.3%	67,768	3.0%	69,801	3.0%
Environmental Monitoring & Enforcement	1,691,530	1,752,210	1,804,776	1,858,920	1,914,687	60,680	3.6%	52,566	3.0%	54,143	3.0%
Water Distribution & Wastewater Collection	4,939,610	5,042,270	5,193,538	5,349,344	5,509,825	102,660	2.1%	151,268	3.0%	155,806	3.0%
Plant Operations & Maintenance	21,076,645	20,209,645	20,815,934	21,440,412	22,184,625	(867,000)	(4.1%)	606,289	3.0%	624,478	3.0%
Capital Delivery	839,624	836,847	861,952	887,811	914,445	(2,777)	(0.3%)	25,105	3.0%	25,859	3.0%
Sustainable Initiatives	661,653	673,816	694,030	714,851	736,296	12,163	1.8%	20,214	3.0%	20,821	3.0%
Infrastructure Planning & System Design	1,106,649	1,109,142	1,142,416	1,176,688	1,211,989	2,493	0.2%	33,274	3.0%	34,272	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	3,053,570	3,129,340	3,129,340	3,129,340	3,129,340	75,770	2.5%	-	-	50,555	-
Utilities Arrears Program	250,000	250,000	250,000	250,000	250,000	-	0.0%	_	_		_
Sewer Lateral Management Program	500,000	500,000	515,000	530,450	546,364	_	0.0%	15.000	3.0%	15,450	3.0%
Financial Charges	183,670	177,000	182,310	187,779	193,413	(6,670)	(3.6%)	5,310	3.0%	5,469	3.0%
Capital and Reserve Recoveries	(4,410,242)	•	(3,498,970)	(3,603,939)	(3,712,057)	1,013,184	(23.0%)	(101,912)	3.0%	(104,969)	3.0%
Sub-Total Environmental Services	40,321,108	42,000,278	43,158,906	44,352,293	45,682,482	1,679,170	4.2%	1,158,628	2.8%	1,193,387	2.8%
oub Total Environmental oct vices	40,021,100	42,000,210	45,150,500	44,002,200	45,682	1,075,176	4.2 70	1,130,020	2.070	1,133,307	2.0 /0
					.0,002						
Capital and Reserve Impacts on Operating											
Contributions to Capital											
Wastewater	45,474,000	42,837,000	61,04 <u>9,</u> 000	54,776,000	57,261,000	(2,637,000)	(5.8%)	18,212,000	42.5%	(6,273,000)	(10.3%)
Sub-Total Contributions to Capital	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%)
Contributions for DC Exemptions											
Wastewater	4,590,000	4 <u>,</u> 590,000	4,080,000	4,080,000	4,080,000	-	0.0%	(510,000)	(0)	-	0.0%
Sub-Total Contributions for DC Exemptions	4,590,000	4,590,000	4,080,000	4,080,000	4,080,000	-	0.0%	(510,000)	(0)	-	0.0%
Debt Charges											
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%
DC Debt Charges Recoveries	(1,007,689)		<u>(4,444,780)</u>	<u>(7,198,788)</u>	(10,828,497)	(662,033)	65.7%	(2,775,058)	166.2%	(2,754,009)	62.0%
Sub-Total Debt Charges	7,729,607	8,450,658	9,201,459	11,272,241	13,587,281	721,051	9.3%	750,800	8.9%	2,070,783	22.5%
Sub-Total Capital Financing	57,793,607	55,877,658	74,330,459	70,128,241	74,928,281	(1,915,949)	(3.3%)	18,452,800	33.0%	(4,202,217)	(5.7%)
_											
Reserve Transfers	10,368,575	16,937,533	2,804,537	11,900,190	11,987,597	6,568,957	63.4%	(14,132,996)	(83.4%)	9,095,653	324.3%
Sub-Total Capital and Reserve Impacts on											
Operating	68,162,182	72,815,191	77,134,995	82,028,431	86,915,879	4,653,009	6.8%	4,319,805	5.9%	4,893,436	6.3%
TOTAL EVEN DITUES	400 100 000	444.045.400	400 000 00:	400 000 =0-	400 500 000	0.000.470	F 00/	F /=0 100	4 001		6 40*
TOTAL EXPENDITURES	108,483,290	114,815,469	120,293,901	126,380,725	132 <u>,5</u> 98,360	6,332,179	5.8%	5,478,433	4.8%	6,086,823	5.1%

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

	2018	2019	2020	2021	2022			CHANGE	1 I		All from the past of the section of the first plant of the first past of the section of the sect	
	RESTATED			PROJECTED				2020 PROJEC	Contract Con	2021 PROJECTED /		
	BUDGET	BUDGET	BUDGET	BUDGET	BUDGET	2018 RESTATED	BUDGET	2019 REQUESTED		020 PROJECTED	BUDGET	
	\$	\$	\$	\$	\$	\$	%	\$	%	\$	%	
REVENUES:												
Rate Revenue												
Residential	47,557,920	50,143,510	52,974,280	56,195,265	59,073,566	2,585,590	5.4%	2,830,770	5.6%	3,220,985	6.1%	
ICI	52,679,040	55,211,628	57,592,157	60,167,847	63,208,778	2,532,588	4.8%	2,380,528	4.3%	2,575,690	4.5%	
Non-Metered	275,000	290,000	290,000	305,000	320,000	15,000	5.5%	=	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	2,249,480	2,316,964	2,386,473	2,458,068	-	0.0%	67,484	3.0%	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%	156,000	3.0%	160,680	3.0%	
Sub-Total Utility Rates	107,551,440	113,884,619	119,343,101	125,409,376	131,605,847	6,333,179	5.9%	5,458,483	4.8%	6,066,275	5.1%	
Non-Rate Revenue												
Local Improvement Recoveries	265,850	265,850	265,850	265,850	265,850	=	-	-	-		-	
Permits/Leases/Agreements	513,000	515,000	530,450	546,364	562,754	2,000	0.4%	15,450	3.0%	15,914	3.0%	
General Fees and Recoveries	153,000	150,000	154,500	159,135	163,909	(3,000)	(2.0%)	4,500	3.0%	4,635	3.0%	
Sub-Total Non-Rate Revenue	931,850	930,850	950,800	971,349	992,513	(1,000)	(0.1%)	19,950	2.1%	20,549	2.2%	
TOTAL REVENUES	108,483,290	114,815,469	120,293,901	126,380,725	132,598,360	6,332,179	5.8%	5,478,433	4.8%	6,086,823	5.1%	
NET EXPENDITURES	-			-		-			-	-		

#### CITY OF HAMILTON 2019-2028 WATER, WASTEWATER & STORM OPERATING BUDGET WASTEWATER

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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
	Nestateu	Requested	T OTECASE [	Torecast	i orecast	Torcust	1 Olecast	1 Olecast	1 Olecast	Torcust	rorceast
OPERATING EXPENDITURES											
OPERATING COSTS	35,821	38.000	38,929	39,755	38,657	39,884	41,148	42,452	43,795	45,180	46,769
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	40,321	42,000	43,159	44,352	45,682	47,052	48,464	49,918	51,415	52,958	54,547
CAPITAL & RESERVE IMPACTS ON OPE	RATING										
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
Sub-total Contributions to Capital	45,474	42,837	61,049	54,776	57,261	49,460	48,560	51,645	49,155	69,065	80,340
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
Sub-total Contributions to Capital	4,590	4,590	4,080	4,080	4,080	4,080	4,080	4,080	4,080	4,080	4,080
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
DC Debt Charges Recoveries	(1,008)	(1,670)	(4,445)	(7,199)	(10,828)	(13,971)	(15,482)	(16,248)	(20,221)	(27,792)	(35,304)
Sub-total Debt Charges	7,730	8,451	9,201	11,272	13,587	14,132	13,989	13,845	13,702	13,176	11,814
Reserve Transfers	10,369	16,938	2,805	11,900	11,996	23,926	28,704	29,725	36,839	22,320	16,938
Sub-Total Capital & Reserve Impacts											
on Operating	68,162	72,815	77,135	82,028	86,924	91,598	95,333	99,295	103,776	108,642	113,172
TOTAL EXPENDITURES	108,483	114,815	120,294	126,381	132,606	138,651	143,797	149,212	155,191	161,599	167,718
REVENUES	]										
Residential	47,558	50,144	52,974	56,195	59.074	62,137	64.864	67,469	70.821	74,682	78,147
ICI	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	932	931	951	971	1,000	1,031	1,061	1,093	1,126	1,160	
TOTAL REVENUES	108,483	114,815	120,294	126,381	132,606	138,651	143,797	149,212	155,191	161,599	167,718
NET EXPENDITURES	<u> </u>	•			-	-			-	-	-