CITY OF HAMILTON

2021 HAMILTON WASTEWATER AND STORM OPERATING BUDGET WASTEWATER

	2020	2020	2021	CHANGI		CHANG	Ε.
	RESTATED	PROJECTED	REQUESTED	2020 PROJECTED	ACTUAL	2021 REQUES	STED /
	BUDGET	ACTUAL	BUDGET	/ 2020 RESTATED	BUDGET	2020 RESTATED	BUDGET
	\$	\$	\$	\$	%	\$	%
OPERATING EXPENDITURES:							
Environmental Services							•
Divisional Administration & Support	900,865	900,865	926,190	-	0.0%	25,325	2.8%
Woodward Upgrades	1,108,390	1,108,390	1,441,380	-	0.0%	332,990	30.0%
Customer Service	125,970	106,841	130,089	19,128	15.2%	4,120	3.3%
Outreach & Education	484,825	349,413	465,665	135,412	27.9%	(19,160)	(4.%)
Service Co-ordination	1,094,374	963,934	1,137,808	130,440	11.9%	43,434	4.0%
Engineering Systems & Data Collection	540,994	566,942	531,794	(25,948)	(4.8%)	(9,200)	(1.7%)
Compliance & Regulations	465,083	465,083	479,944	-	0.0%	14,862	3.2%
Laboratory Services	2,343,831	2,197,044	2,282,899	146,787	6.3%	(60,932)	(2.6%)
Environmental Monitoring & Enforcement	1,823,759	1,823,758	2,133,769	1	0.0%	310,010	17.0%
Water Distribution & Wastewater Collection	4,763,281	5,558,231	5,420,414	(794,950)	(16.7%)	657,133	13.8%
Plant Operations	12,141,813	11,392,443	13,033,149	749,370	6.2%	891,336	7.3%
Plant Maintenance	5,210,614	5,039,286	5,629,563	171,328	3.3%	418,949	8.0%
Capital Delivery	717,755	717,755	872,235	-	0.0%	154,481	21.5%
Sustainable Initiatives	643,990	643,991	487,768	(2)	(0.0%)	(156,221)	(24.3%)
Infrastructure Planning & System Design	899,608	899,608	1,095,824	-	0.0%	196,215	21.8%
Wastewater Abatement Program	1,150,040	1,150,040	1,192,450	=	0.0%	42,410	3.7%
Alectra Utilities Service Contract	2,800,000	2,800,000	2,856,000	-	0.0%	56,000	2.0%
Corporate & Departmental Support Services	3,394,758	3,394,758	3,414,555	_	0.0%	19,797	0.6%
Utilities Arrears Program	250,040	250,040	250,160	-	0.0%	120	0.0%
Sewer Lateral Management Program	300,000	202,250	300,000	97,751	32.6%	-	0.0%
Hamilton Harbour Remedial Action Plan	-	_	-	-	0.0%	-	0.0%
Protective Plumbing Program (3P)	-	_	-	-	0.0%	-	0.0%
Financial Charges	86,020	86,020	86,020	_	0.0%	-	0.0%
	41,246,007	40,616,691	44,167,677	629,316	1.5%	2,921,670	7.1%
Capital and Reserve Recoveries	(3,358,056)	(3,358,056)	(4,809,207)	-	0.0%	(1,451,151)	43.2%
Sub-Total Environmental Services	37,887,951	37,258,635	39,358,470	629,316	1.7%	1,470,519	3.9%
Capital and Reserve Impacts on Operating							
Contributions to Capital							
Wastewater	52,673,000	52,673,000	57,237,984	-	0.0%	4,564,984	8.7%
Sub-Total Contributions to Capital	52,673,000	52,673,000	57,237,984	-	0.0%	4,564,984	8.7%
Contributions for DC Exemptions							
Wastewater	4,080,000	4,080,000	4,590,000	-	0.0%	510,000	12.5%
Sub-Total Contributions for DC Exemptions	4,080,000	4,080,000	4,590,000	-	0.0%	510,000	12.5%

CITY OF HAMILTON 2021 HAMILTON WATER OPERATING BUDGET WASTEWATER

	2020	2020	2021 CHANGE			CHANGE			
	RESTATED	PROJECTED	REQUESTED	2020 PROJECTED	ACTUAL	2021 REQUES	STED /		
	BUDGET	ACTUAL	BUDGET	/ 2020 RESTATED	BUDGET	2020 RESTATED	BUDGET		
	\$	\$	\$	\$	%	\$	%		
Debt Charges									
Wastewater	11,514,374	7,012,631	12,534,242	4,501,743	39.1%	1,019,868	8.9%		
DC Debt Charges Recoveries	(1,669,722)	(113,893)	(2,928,248)	(1,555,829)	93.2%	(1,258,526)	75.4%		
Sub-Total Debt Charges	9,844,652	6,898,738	9,605,994	2,945,914	29.9%	(238,657)	(2.4%)		
Sub-Total Capital Financing	66,597,652	63,651,738	71,433,978	2,945,914	4.4%	4,836,327	7.3%		
Reserve Transfers	16,237,123	20,546,482	16,805,027	(4,309,358)	(26.5%)	567,903	3.5%		
Sub-Total Cap\Reserve Impacts on Operating	82,834,775	84,198,220	88,239,005	(1,363,444)	(1.6%)	5,404,230	6.5%		
TOTAL EXPENDITURES	120,722,727	121,456,855	127,597,475	(734,128)	(0.6%)	6,874,748	5.7%		
REVENUES:									
REVENUES.									
Rate Revenue									
Residential	52,338,648	53,874,613	55,449,195	1,535,965	2.9%	3,110,547	5.9%		
Industrial/Commercial/Institutional/Multi-res	57,673,601	56,136,425	60,529,187	(1,537,175)	(2.7%)	2,855,586	5.0%		
Non-Metered	290,000	290,000	440,000	•••	0.0%	150,000	51.7%		
Hauler / 3rd Party Sales	790,000	790,000	902,857	-	0.0%	112,857	14.3%		
Overstrength Agreements	2,892,902	3,210,510	3,210,510	317,608	11.0%	317,608	11.0%		
Sewer Surcharge Agreements	5,806,726	6,224,456	6,224,456	417,730	7.2%	417,730	7.2%		
Sub-Total Utility Rates	119,791,877	120,526,005	126,756,205	734,128	0.6%	6,964,328	5.8%		
Non-Rate Revenue									
Local Improvement Recoveries	265,850	265,850	265,850	•••	0.0%	=	0.0%		
Permits / Leases / Agreements	515,000	515,000	401,817	_	0.0%	(113,183)	(22.%)		
General Fees and Recoveries	150,000	150,000	173,603	-	0.0%	23,603	15.7%		
Sub-Total Non-Rate Revenue	930,850	930,850	841,270	-	0.0%	(89,580)	(9.6%)		
TOTAL REVENUES	120,722,727	121,456,855	127,597,475	734,128	0.6%	6,874,748	5.7%		
NET EXPENDITURES	-	-	-	-	0.0%	-	0.0%		

CITY OF HAMILTON 2021 - 2024 HAMILTON WASTEWATER AND STORM OPERATING BUDGET WASTEWATER

	2020 RESTATED BUDGET	2021 REQUESTED BUDGET	2022 PROJECTED BUDGET	2023 PROJECTED BUDGET	2024 PROJECTED BUDGET	CHANGE 2021 REQUESTED / 2020 RESTATED BUDGET		2021 REQUESTED / 2020 RESTATED BUDGET		2021 REQUESTED / 2020 RESTATED BUDGE		CHANGE 2022 PROJEC 2021 REQUES BUDGET	TED /	CHANGE 2023 PROJEC 2022 PROJECTED	red /
OPERATING EXPENDITURES:	\$	\$	\$	\$	\$	\$	%	\$	%	\$	%				
Divisional Administration & Support	900,865	926,190	944,714	963,608	982,880	25,325	2.8%	18,524	2.0%	18,894	2.0%				
Woodward Upgrades	1,108,390	1,441,380	1,470,207	1,499,611	1,529,603	332,990	30.0%	28,828	2.0%	29,404	2.0%				
Customer Service Outreach & Education	125,970	130,089	132,691	135,345	138,052	4,120	3.3%	2,602	2.0%	2,654	2.0%				
Service Co-ordination	484,825 1,094,374	465,665 1.137.808	474,978 1,160,564	484,478 1,183,776	494,167 1,207,451	(19,160) 43.434	(4.0%) 4.0%	9,313 22.756	2.0% 2.0%	9,500 23.211	2.0% 2.0%				
Engineering Systems & Data Collection	540,994	531,794	542,430	553,279	564,344	(9,200)	(1.7%)	10,636	2.0%	10.849	2.0%				
Compliance & Regulations	465,083	479,944	489,543	499,334	509,321	14,862	3.2%	9.599	2.0%	9.791	2.0%				
Laboratory Services	2,343,831	2.282.899	2,328,557	2,375,128	2,422,630	(60,932)	(2.6%)	45,658	2.0%	46.571	2.0%				
Environmental Monitoring & Enforcement	1,823,759	2,133,769	2,176,445	2,219,973	2,264,373	310,010	17.0%	42,675	2.0%	43,529	2.0%				
Water Distribution & Wastewater Collection	4,763,281	5,420,414	5,528,822	5,639,399	5,752,187	657,133	13.8%	108,408	2.0%	110.576	2.0%				
Plant Operations	12,141,813	13,033,149	13,293,812	13,559,688	13,830,882	891,336	7.3%	260,663	2.0%	265.876	2.0%				
Plant Maintenance	5,210,614	5,629,563	5,742,155	5,856,998	5,974,138	418,949	8.0%	112,591	2.0%	114.843	2.0%				
Capital Delivery	717,755	872,235	889,680	907,474	925,623	154,481	21.5%	17,445	2.0%	17,794	2.0%				
Sustainable Initiatives	643,990	487,768	497,524	507,474	517.624	(156,221)	(24.3%)	9,755	2.0%	9.950	2.0%				
Infrastructure Planning & System Design	899,608	1,095,824	1,117,740	1,140,095	1,162,897	196,215	21.8%	21,916	2.0%	22,355	2.0%				
Wastewater Abatement Program	1,150,040	1,192,450	1,216,299	1,240,625	1,265,437	42,410	3.7%	23,849	2.0%	24,326	2.0%				
Alectra Utilities Service Contract	2,800,000	2,856,000	2,913,120	2,971,382	3,025,000	56,000	2.0%	57,120	2.0%	58,262	2.0%				
Corporate & Departmental Support Services	3,394,758	3,414,555	3,482,846	3,552,503	3,623,553	19,797	0.6%	68,291	2.0%	69,657	2.0%				
Utilities Arrears Program	250,040	250,160	255,163	260,266	265,472	120	0.0%	5,003	2.0%	5,103	2.0%				
Sewer Lateral Management Program	300,000	300,000	306,000	312,120	318,362	-	0.0%	6,000	2.0%	6,120	2.0%				
Financial Charges	86,020 41,246.007	86,020	87,740	89,495	91,285	2.024.070	0.0%	1,720	2.0%	1,755	2.0%				
Capital and Reserve Recoveries	(3,358,056)	44,167,677 (4,809,207)	45,051,031 (4,905,391)	45,952,051 (5,003,499)	46,865,282	2,921,670 (1,451,151)	7.1% 43.2%	883,354	2.0% 2.0%	901,021 (98.108)					
Sub-Total	37,887,951	39,358,470	40,145,640	40,948,552	(5,103,569) 41,761,713	1,470,519	3.9%	(96,184) 787,169	2.0%	802,913	2.0%				
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Capital and Reserve Impacts on Operating															
Contributions to Capital															
Water Quality Initiatives	52.673.000	-	46,724,000	40.070.000	40.070.000	4.504.004	0.704	(40.540.004)	(40.40()	(4.054.000)	(0.70()				
Wastewater Sub-Total Contributions to Capital	52,673,000	57,237,984 57,237,984	46,724,000	42,673,000 42,673,000	43,978,000 43,978,000	4,564,984 4,564,984	8.7% 8.7%	(10,513,984) (10,513,984)	(18.4%) (18.4%)	(4,051,000) (4,051,000)	(8.7%)				
•	02,070,000	07,207,304	40,724,000	42,010,000	40,370,000	4,004,004	0.770	(10,010,304)	(10.470)	(4,001,000)	(0.7 76)				
Contributions for DC Exemptions Wastewater	4,080,000	4,590,000	4,590,000	4,590,000	4,590,000	510,000	12.5%		0.0%		0.0%				
Sub-Total Contributions for DC Exemptions	4,080,000	4,590,000	4,590,000	4,590,000	4,590,000	510,000	12.5%		0.0%		0.0%				
Debt Charges															
Wastewater	11,514,374	12,534,242	20,704,348	26,710,639	30.660.697	1,019,868	8.9%	8,170,105	65.2%	6,006,292	29.0%				
DC Debt Charges Recoveries	(1,669,722)	(2,928,248)	(7,811,919)	(11,683,767)	(14,653,982)	(1,258,526)	75.4%	(4,883,671)	166.8%	(3,871,848)	49.6%				
Sub-Total Debt Charges	9,844,652	9,605,994	12,892,428	15,026,873	16,006,715	(238,657)	(2.4%)	3,286,434	34.2%	2,134,444	16.6%				
Sub-Total Capital Financing	66,597,652	71,433,978	64,206,428	62,289,873	64,574,715	4,836,327	7.3%	(7,227,550)	(10.1%)	(1,916,556)	(3.0%)				
Reserve Transfers	16,237,123	16,805,027	29,069,556	35,898,752	39,030,935	567,903	3.5%	12,264,529	73.0%	6,829,197	23.5%				
Sub-Total Capital and Reserve Impacts on Operating	82,834,775	88,239,005	93,275,984	98,188,625	103,605,650	5,404,230	6.5%	5,036,979	5.7%	4,912,641	5.3%				
TOTAL EXPENDITURES	120,722,727	127,597,475	133,421,624	139,137,177	145,367,363	6,874,748	5.7%	5,824,149	4.6%	5,715,554	4.3%				

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

	2020	2021	2022	2023	2024	CHANGE		CHANGE		CHANGE	
	RESTATED	REQUESTED	PROJECTED	PROJECTED	PROJECTED	2021 REQUES	STED /	2022 PROJECT	TED/	2023 PROJEC	TED /
	BUDGET	BUDGET	BUDGET	BUDGET	BUDGET	2020 RESTATED	BUDGET	2021 REQUESTED	BUDGET:	2022 PROJECTED	BUDGET
	\$	\$	\$	\$	\$	\$	%	\$	%	\$	%
REVENUES:											
Rate Revenue											
Residential	52,338,648	55,449,195	58,523,848	61,480,084	64,767,205	3,110,547	5.9%	3,074,653	5.5%	2,956,236	5.1%
Industrial/Commercial/Institutional/Multi-res	57,673,601	60,529,187	62,936,285	65,343,383	68,035,628	2,855,586	5.0%	2,407,098	4.0%	2,407,098	3.8%
Haldimand	-	-	-	-	-	=	0.0%	-		-	
Halton	-	••	-	-	-	-	0.0%	••		-	
Non-Metered	290,000	440,000	455,000	470,000	485,000	150,000	51.7%	15,000	3.4%	15,000	3.3%
Hauler / 3rd Party Sales	790,000	902,857	929,943	957,841	976,998	112,857	14.3%	27,086	3.0%	27,898	3.0%
Overstrength Agreements	2,892,902	3,210,510	3,306,825	3,406,030	3,474,151	317,608	11.0%	96,315	3.0%	99,205	3.0%
Sewer Surcharge Agreements	5,806,726	6,224,456	6,411,190	6,603,525	6,735,596	417,730	7.2%	186,734	3.0%	192,336	3.0%
Sub-Total Utility Rates	119,791,877	126,756,205	132,563,091	138,260,864	144,474,578	6,964,328	5.8%	5,806,886	4.6%	5,697,773	4.3%
Non-Rate Revenue											
Local Improvement Recoveries	265,850	265,850	265,850	265,850	265,850	-	0.0%	•	0.0%	•	0.0%
Permits / Leases / Agreements	515,000	401,817	413,872	426,288	439,077	(113,183)	(22.0%)	12,055	3.0%	12,416	3.0%
General Fees and Recoveries	150,000	173,603	178,811	184,175	187,858	23,603	15.7%	5,208	3.0%	5,364	3.0%
Sub-Total Non-Rate Revenue	930,850	841,270	858,532	876,313	892,785	(89,580)	(9.6%)	17,263	2.1%	17,780	2.1%
TOTAL REVENUES	120,722,727	127,597,475	133,421,624	139,137,177	145,367,363	6,874,748	5.7%	5,824,149	4.6%	5,715,554	4.3%
NET EVDENDITUDES							0.004	400	0.004	•	0.0%
NET EXPENDITURES						-	0.0%	(0)	0.0%		0.0%

CITY OF HAMILTON 2021-2030 HAMILTON WASTEWATER AND STORM OPERATING BUDGET WASTEWATER

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	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
	Restated	Requested	Forecast								
OPERATING EXPENDITURES											
OPERATING COSTS	37,888	39,358	40,146	39,349	40,130	40,932	41,751	42,586	43,438	44,306	45,193
TERTIARY TREATMENT	-	_	-	1,600	1,632	1,665	1,698	1,732	1,767	1,802	1,838
TOTAL OPERATING COSTS	37,888	39,358	40,146	40,949	41,762	42,597	43,449	44,318	45,204	46,108	47,030
CAPITAL & RESERVE IMPACTS ON OPE	CADITAL & DESERVE IMPACTS ON ODERATING										
Contributions to Capital											
Wastewater	52,673	57,238	46,724	42,673	43,978	55,168	58,611	63,935	79,927	60,178	74,363
Sub-total Contributions to Capital	52,673	57,238	46,724	42,673	43,978	55,168	58,611	63,935	79,927	60,178	74,363
Contributions for DC Exemptions											
Wastewater	4,080	4,590	4,590	4,590	4,590	4,590	4,590	4,590	4,590	4,590	4,590
Sub-total Contributions to Capital	4,080	4,590	4,590	4,590	4,590	4,590	4,590	4,590	4,590	4,590	4,590
Debt Charges											
Wastewater	11,514	12,534	20,704	26,711	30,661	32,493	35,644	41,476	46,421	49,464	48,289
DC Debt Charges Recoveries	(1,670)	(2,928)	(7,812)	(11,684)	(14,654)	(16,111)	(19,435)	(25,775)	(32,064)	(35,233)	(35,280)
Sub-total Debt Charges	9,845	9,606	12,892	15,027	16,007	16,382	16,209	15,701	14,357	14,231	13,009
Reserve Transfers	16,237	16,805	29,070	35,899	39,031	32,923	35,158	36,465	27,805	54,104	47,618
Sub-Total Capital & Reserve Impacts											
on Operating	82,835	88,239	93,276	98,189	103,606	109,064	114,568	120,691	126,679	133,103	139,580
TOTAL EXPENDITURES	120,723	127,597	133,422	139,137	145,367	151,661	158,017	165,009	171,883	179,211	186,610
REVENUES											
Residential	52,339	55,449	58,524	61,480	64,767	68,112	71,514	75,262	78,888	83,039	87,261
Industrial/Commercial/Institutional/Multi-res	57,674	60,529	62,936	65,343	68,036	70,728	73,420	76,398	79,375	82,276	85,170
Non-Metered	290	440	455	470	485	500	515	530	545	560	575
Hauler / 3rd Party Sales	790	903	930	958	977	997	1,016	1,037	1,058	1,079	1,100
Overstrength Agreements	2,893	3,211	3,307	3,406	3,474	3,544	3,615	3,687	3,761	3,836	3,912
Sewer Surcharge Agreements	5,807	6,224	6,411	6,604	6,736	6,870	7,008	7,148	7,291	7,437	7,585
Non-Rate Revenue	931	841	859	876	893	911	929	947	966	986	1,005
TOTAL REVENUES	120,723	127,597	133,422	139,137	145,367	151,661	158,017	165,009	171,883	179,211	186,610
NET EXPENDITURES	-	-	-	-	-	-	-		-		-