

CITY OF HAMILTON
2022 HAMILTON WASTEWATER AND STORM OPERATING BUDGET
COMBINED WASTEWATER AND STORM

2021 RESTATE BUDGET	2021 PROJECTED ACTUAL	2022 REQUESTED BUDGET	CHANGE 2021 PROJECTED ACTUAL / 2021 RESTATE BUDGET	CHANGE 2022 REQUESTED / 2021 RESTATE BUDGET
\$	\$	\$	\$	%

OPERATING EXPENDITURES:

Divisional Administration & Support	1,355,470	1,437,013	1,303,017	(81,543)	(6.0%)	(52,453)	(3.9%)
Woodward Upgrades	1,735,670	1,835,177	1,764,829	(99,507)	(5.7%)	29,159	1.7%
Customer Service	162,625	123,967	164,639	38,658	23.8%	2,014	1.2%
Outreach & Education	546,906	379,265	555,660	167,642	30.7%	8,754	1.6%
Service Co-ordination	1,715,297	1,578,362	1,754,789	136,935	8.0%	39,492	2.3%
Engineering Systems & Data Collection	586,186	285,554	576,873	300,633	51.3%	(9,313)	(1.6%)
Compliance & Regulations	502,527	479,727	509,911	22,800	4.5%	7,384	1.5%
Laboratory Services	2,428,724	2,532,022	2,558,375	(103,298)	(4.3%)	129,651	5.3%
Environmental Monitoring & Enforcement	2,215,026	2,099,337	2,478,749	115,689	5.2%	263,723	11.9%
Water Distribution & Wastewater Collection	8,585,278	9,360,520	9,459,046	(775,242)	(9.0%)	873,769	10.2%
Plant Operations	14,079,338	14,921,092	15,640,578	(841,754)	(6.0%)	1,561,240	11.1%
Plant Maintenance	5,407,762	5,364,801	5,854,386	42,961	0.8%	446,624	8.3%
Capital Delivery	1,139,749	1,179,603	1,240,016	(39,854)	(3.5%)	100,267	8.8%
Watershed Management	1,275,560	1,016,538	1,382,313	259,022	20.3%	106,753	8.4%
Infrastructure Planning & System Design	1,447,776	1,424,343	1,470,116	23,433	1.6%	22,340	1.5%
Wastewater Abatement Program	1,192,450	887,579	1,142,450	304,872	25.6%	(50,000)	(4.2%)
Alectra Utilities Service Contract	2,856,000	2,866,646	2,913,120	(10,646)	(0.4%)	57,120	2.0%
Corporate & Departmental Support Services	3,983,403	4,047,522	4,266,653	(64,119)	(1.6%)	283,250	7.1%
Utilities Arrears Program	250,160	177,040	250,160	73,120	29.2%	-	0.0%
Sewer Lateral Management Program	300,000	299,796	300,000	204	0.1%	-	0.0%
Hamilton Harbour Remedial Action Plan	370,964	547,987	578,964	(177,023)	(47.7%)	208,000	56.1%
Protective Plumbing Program (3P)	752,870	666,929	752,870	85,942	11.4%	-	0.0%
Financial Charges	86,020	86,020	86,020	-	0.0%	-	0.0%
	52,975,760	53,596,837	57,003,536	(621,077)	(1.2%)	4,027,776	7.6%
Capital and Reserve Recoveries	(5,407,417)	(5,392,787)	(5,407,417)	(14,630)	0.3%	-	0.0%
Sub-Total	47,568,343	48,204,050	51,596,119	(635,707)	(1.3%)	4,027,776	8.5%

Capital and Reserve Impacts on Operating**Contributions to Capital**

Water Quality Initiatives	-	-	-	-	0.0%	-	0.0%
Wastewater	57,237,984	57,237,984	73,784,138	-	0.0%	16,546,154	28.9%
Stormwater	17,632,679	17,632,679	11,765,000	-	0.0%	(5,867,679)	(33.3%)
Sub-Total Contributions to Capital	74,870,663	74,870,663	85,549,138	-	0.0%	10,678,475	14.3%

Contributions for DC Exemptions

Water Quality Initiatives	-	-	-	-	0.0%	-	0.0%
Wastewater	4,590,000	4,590,000	4,590,000	-	0.0%	-	0.0%
Stormwater	1,890,000	1,890,000	1,890,000	-	0.0%	-	0.0%
Sub-Total Contributions for DC Exemptions	6,480,000	6,480,000	6,480,000	-	0.0%	-	0.0%

CITY OF HAMILTON
2022 HAMILTON WASTEWATER AND STORM OPERATING BUDGET
COMBINED WASTEWATER AND STORM

	2021 RESTATED BUDGET	2021 PROJECTED ACTUAL	2022 REQUESTED BUDGET	CHANGE 2021 PROJECTED ACTUAL / 2021 RESTATED BUDGET	CHANGE 2022 REQUESTED / 2021 RESTATED BUDGET		
	\$	\$	\$	\$	%	\$	%
<u>Debt Charges</u>							
Water Quality Initiatives	-	-	-	-	0.0%	-	0.0%
Wastewater	12,534,242	10,781,146	12,881,726	1,753,096	14.0%	347,484	2.8%
Stormwater	2,490,898	2,356,948	3,584,490	133,950	5.4%	1,093,592	43.9%
DC Debt Charges Recoveries	(3,224,887)	(3,224,885)	(3,765,196)	(2)	0.0%	(540,309)	16.8%
Sub-Total Debt Charges	11,800,254	9,913,210	12,701,020	1,887,044	16.0%	900,766	7.6%
Sub-Total Capital Financing	93,150,917	91,263,873	104,730,158	1,887,044	2.0%	11,579,241	12.4%
Reserve Transfers	(13,473,749)	(13,891,538)	(23,219,952)	417,789	(3.1%)	(9,746,203)	72.3%
Sub-Total Capital and Reserve Impacts on Operating	79,677,167	77,372,334	81,510,206	2,304,833	2.9%	1,833,039	2.3%
TOTAL EXPENDITURES	127,245,510	125,576,385	133,106,324	1,669,125	1.3%	5,860,814	4.6%
<u>REVENUES:</u>							
<u>Rate Revenue</u>							
Residential	55,449,195	56,649,195	58,311,083	1,200,000	2.2%	2,861,888	5.2%
Industrial/Commercial/Institutional/Multi-res	60,529,187	58,329,187	62,945,512	(2,200,000)	(3.6%)	2,416,325	4.0%
Non-Metered	440,000	440,000	412,500	-	0.0%	(27,500)	(6.3%)
Hauler / 3rd Party Sales	700,000	952,857	910,000	252,857	36.1%	210,000	30.0%
Overstrength Agreements	3,210,510	3,012,854	3,306,825	(197,656)	(6.2%)	96,315	3.0%
Sewer Surcharge Agreements	6,224,456	5,600,130	6,511,190	(624,327)	(10.0%)	286,734	4.6%
Sub-Total Utility Rates	126,553,348	124,984,223	132,397,110	(1,569,125)	(1.2%)	5,843,762	4.6%
<u>Non-Rate Revenue</u>							
Local Improvement Recoveries	265,850	265,850	265,850	-	0.0%	-	0.0%
Permits / Leases / Agreements	213,010	113,010	221,530	(100,000)	(46.9%)	8,520	4.0%
Investment Income	-	-	-	-	0.0%	-	0.0%
General Fees and Recoveries	213,302	213,302	221,834	-	0.0%	8,532	4.0%
Sub-Total Non-Rate Revenue	692,162	592,162	709,214	(100,000)	(14.4%)	17,052	2.5%
TOTAL REVENUES	127,245,510	125,576,385	133,106,324	(1,669,125)	(1.3%)	5,860,814	4.6%
NET EXPENDITURES	-	-	-	-	0.0%	-	0.0%

CITY OF HAMILTON
2022 - 2025 HAMILTON WASTEWATER AND STORM OPERATING BUDGET
COMBINED WASTEWATER AND STORM

	2021 RESTATED BUDGET	2022 REQUESTED BUDGET	2023 PROJECTED BUDGET	2024 PROJECTED BUDGET	2025 PROJECTED BUDGET	CHANGE 2022 REQUESTED / 2021 RESTATED BUDGET		CHANGE 2023 PROJECTED / 2022 REQUESTED BUDGET		CHANGE 2024 PROJECTED / 2023 PROJECTED BUDGET	
	\$	\$	\$	\$	\$	\$	%	\$	%	\$	%
<u>OPERATING EXPENDITURES:</u>											
Divisional Administration & Support	1,355,470	1,303,017	1,355,138	1,409,343	1,465,717	(52,453)	(3.9%)	52,121	4.0%	54,206	4.0%
Woodward Upgrades	1,735,670	1,764,829	1,835,422	1,908,839	1,985,193	29,159	1.7%	70,593	4.0%	73,417	4.0%
Customer Service	162,625	164,639	171,225	178,074	185,197	2,014	1.2%	6,586	4.0%	6,849	4.0%
Outreach & Education	546,906	555,660	577,886	601,002	625,042	8,754	1.6%	22,226	4.0%	23,115	4.0%
Service Co-ordination	1,715,297	1,754,789	1,824,981	1,897,980	1,973,899	39,492	2.3%	70,192	4.0%	72,999	4.0%
Engineering Systems & Data Collection	586,186	576,873	599,948	623,946	648,904	(9,313)	(1.6%)	23,075	4.0%	23,998	4.0%
Compliance & Regulations	502,527	509,911	530,308	551,520	573,581	7,384	1.5%	20,396	4.0%	21,212	4.0%
Laboratory Services	2,428,724	2,558,375	2,660,710	2,767,138	2,877,824	129,651	5.3%	102,335	4.0%	106,428	4.0%
Environmental Monitoring & Enforcement	2,215,026	2,478,749	2,577,899	2,681,015	2,788,256	263,723	11.9%	99,150	4.0%	103,116	4.0%
Water Distribution & Wastewater Collection	8,585,278	9,459,046	9,837,408	10,230,904	10,640,140	873,769	10.2%	378,362	4.0%	393,496	4.0%
Plant Operations	14,079,338	15,640,578	16,266,201	16,916,849	17,593,523	1,561,240	11.1%	625,623	4.0%	650,648	4.0%
Plant Maintenance	5,407,762	5,854,386	6,088,561	6,332,103	6,585,388	446,624	8.3%	234,175	4.0%	243,542	4.0%
Capital Delivery	1,139,749	1,240,016	1,289,617	1,341,202	1,394,850	100,267	8.8%	49,601	4.0%	51,585	4.0%
Watershed Management	1,275,560	1,382,313	1,437,606	1,495,110	1,554,914	106,753	8.4%	55,293	4.0%	57,504	4.0%
Infrastructure Planning & System Design	1,447,776	1,470,116	1,528,921	1,590,078	1,653,681	22,340	1.5%	58,805	4.0%	61,157	4.0%
Wastewater Abatement Program	1,192,450	1,142,450	1,188,148	1,235,674	1,285,101	(50,000)	(4.2%)	45,698	4.0%	47,526	4.0%
Alectra Utilities Service Contract	2,856,000	2,913,120	3,029,645	3,150,831	3,276,864	57,120	2.0%	116,525	4.0%	121,186	4.0%
Corporate & Departmental Support Services	3,983,403	4,266,653	4,437,320	4,614,812	4,799,405	283,250	7.1%	170,666	4.0%	177,493	4.0%
Utilities Arrears Program	250,160	250,160	260,166	270,573	281,396	-	0.0%	10,006	4.0%	10,407	4.0%
Sewer Lateral Management Program	300,000	300,000	312,000	324,480	337,459	-	0.0%	12,000	4.0%	12,480	4.0%
Hamilton Harbour Remedial Action Plan	370,964	578,964	602,123	626,207	651,256	208,000	56.1%	23,159	4.0%	24,085	4.0%
Protective Plumbing Program (3P)	752,870	752,870	782,985	814,304	846,876	-	0.0%	30,115	4.0%	31,319	4.0%
Financial Charges	86,020	86,020	89,461	93,039	96,761	-	0.0%	3,441	4.0%	3,578	4.0%
	52,975,760	57,003,536	59,283,677	61,655,024	64,121,225	4,027,776	7.6%	2,280,141	4.0%	2,371,347	4.0%
Capital and Reserve Recoveries	(5,407,417)	(5,407,417)	(5,623,714)	(5,848,662)	(6,082,609)	-	0.0%	(216,297)	4.0%	(224,949)	4.0%
Sub-Total	47,568,343	51,596,119	53,659,963	55,806,362	58,038,616	4,027,776	8.5%	2,063,845	4.0%	2,146,399	4.0%
<u>Capital and Reserve Impacts on Operating</u>											
<u>Contributions to Capital</u>											
Wastewater	57,237,984	73,784,138	35,726,470	31,791,470	46,481,470	16,546,154	28.9%	(38,057,668)	(51.6%)	(3,935,000)	(11.0%)
Stormwater	17,632,679	11,765,000	19,640,000	24,345,000	14,255,000	(5,867,679)	(33.3%)	7,875,000	66.9%	4,705,000	24.0%
Sub-Total Contributions to Capital	74,870,663	85,549,138	55,366,470	56,136,470	60,736,470	10,678,475	14.3%	(30,182,668)	(35.3%)	770,000	1.4%
Wastewater	4,590,000	4,590,000	4,590,000	4,590,000	4,590,000	-	0.0%	-	0.0%	-	0.0%
Stormwater	1,890,000	1,890,000	1,890,000	1,890,000	1,890,000	-	0.0%	-	0.0%	-	0.0%
Sub-Total Contributions for DC Exemptions	6,480,000	6,480,000	6,480,000	6,480,000	6,480,000	-	0.0%	-	0.0%	-	0.0%
<u>Capital Debt Charges</u>											
Wastewater	12,534,242	12,881,726	20,924,014	28,829,548	37,469,380	347,484	2.8%	8,042,288	62.4%	7,905,534	37.8%
Stormwater	2,490,898	3,584,490	4,530,697	5,128,028	5,611,572	1,093,592	43.9%	946,207	26.4%	597,331	13.2%
DC Debt Charges Recoveries	(3,224,887)	(3,765,196)	(9,493,044)	(14,512,656)	(19,089,240)	(540,309)	16.8%	(5,727,848)	152.1%	(5,019,612)	52.9%
Sub-Total Debt Charges	11,800,254	12,701,020	15,961,667	19,444,920	23,991,712	900,766	7.6%	3,260,647	25.7%	3,483,253	21.8%
Sub-Total Capital Financing	93,150,917	104,730,158	77,808,137	82,061,390	91,208,182	11,579,241	12.4%	(26,922,021)	(25.7%)	4,253,253	5.5%
Reserve Transfers	(13,473,749)	(23,219,952)	8,198,506	8,265,515	3,435,021	(9,746,203)	72.3%	31,418,458	(135.3%)	67,009	0.8%
Sub-Total Capital and Reserve Impacts on Operating	79,677,167	81,510,206	86,006,642	90,326,905	94,643,203	1,833,039	2.3%	4,496,437	5.5%	4,320,262	5.0%
TOTAL EXPENDITURES	127,245,510	133,106,324	139,666,606	146,133,267	152,681,819	5,860,814	4.6%	6,560,281	4.9%	6,466,661	4.6%

CITY OF HAMILTON
2022 - 2025 HAMILTON WASTEWATER AND STORM OPERATING BUDGET
COMBINED WASTEWATER AND STORM

	2021 RESTATED BUDGET	2022 REQUESTED BUDGET	2023 PROJECTED BUDGET	2024 PROJECTED BUDGET	2025 PROJECTED BUDGET	CHANGE 2022 REQUESTED / 2021 RESTATED BUDGET		CHANGE 2023 PROJECTED / 2022 REQUESTED BUDGET		CHANGE 2024 PROJECTED / 2023 PROJECTED BUDGET	
	\$	\$	\$	\$	\$	\$	%	\$	%	\$	%
REVENUES:											
<u>Rate Revenue</u>											
Residential	55,449,195	58,311,083	61,797,051	65,091,923	68,445,098	2,861,888	5.2%	3,485,968	6.0%	3,294,872	5.3%
Industrial/Commercial/Institutional/Multi-res	60,529,187	62,945,512	65,555,470	68,247,529	70,939,589	2,416,325	4.0%	2,609,958	4.1%	2,692,060	4.1%
Non-Metered	440,000	412,500	430,000	445,000	465,000	(27,500)	(6.3%)	17,500	4.2%	15,000	3.5%
Hauler / 3rd Party Sales	700,000	910,000	946,400	984,256	1,023,626	210,000	30.0%	36,400	4.0%	37,856	4.0%
Overstrength Agreements	3,210,510	3,306,825	3,439,098	3,576,662	3,719,729	96,315	3.0%	132,273	4.0%	137,564	4.0%
Sewer Surcharge Agreements	6,224,456	6,511,190	6,771,637	7,042,503	7,324,203	286,734	4.6%	260,448	4.0%	270,865	4.0%
Sub-Total Utility Rates	126,553,348	132,397,110	138,939,657	145,387,874	151,917,245	5,843,762	4.6%	6,542,547	4.9%	6,448,217	4.6%
<u>Non-Rate Revenue</u>											
Local Improvement Recoveries	265,850	265,850	265,850	265,850	265,850	-	0.0%	-	0.0%	-	0.0%
Permits / Leases / Agreements	213,010	221,530	230,392	239,607	249,192	8,520	4.0%	8,861	4.0%	9,216	4.0%
Investment Income	-	-	-	-	-	-	0.0%	-	0.0%	-	0.0%
General Fees and Recoveries	213,302	221,834	230,707	239,936	249,533	8,532	4.0%	8,873	4.0%	9,228	4.0%
Sub-Total Non-Rate Revenue	692,162	709,214	726,949	745,393	764,575	17,052	2.5%	17,735	2.5%	18,444	2.5%
TOTAL REVENUES	127,245,510	133,106,324	139,666,606	146,133,267	152,681,819	5,860,814	4.6%	6,560,281	4.9%	6,466,661	4.6%
NET EXPENDITURES	-	-	-	-	-	-	0.0%	-	0.0%	-	0.0%

CITY OF HAMILTON
2022-2031 HAMILTON WASTEWATER AND STORM OPERATING BUDGET
COMBINED WASTEWATER AND STORM
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	2021 Restated	2022 Requested	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast	2027 Forecast	2028 Forecast	2029 Forecast	2030 Forecast	2031 Forecast
OPERATING EXPENDITURES											
OPERATING COSTS	47,568	51,596	53,660	55,806	58,039	60,360	62,775	65,286	67,897	70,613	73,437
TERTIARY TREATMENT	-	-	-	-	-	-	-	-	-	-	-
TOTAL OPERATING COSTS	47,568	51,596	53,660	55,806	58,039	60,360	62,775	65,286	67,897	70,613	73,437
CAPITAL & RESERVE IMPACTS ON OPERATING											
Contributions to Capital											
Wastewater	57,238	73,784	35,726	31,791	46,481	72,871	78,996	82,656	89,186	90,106	100,696
Stormwater	17,633	11,765	19,640	24,345	14,255	10,265	32,055	34,265	33,855	32,215	33,355
Sub-total Contributions to Capital	74,871	85,549	55,366	56,136	60,736	83,136	111,051	116,921	123,041	122,321	134,051
Contributions for DC Exemptions											
Wastewater	4,590	4,590	4,590	4,590	4,590	4,590	4,590	4,590	4,590	4,590	4,590
Stormwater	1,890	1,890	1,890	1,890	1,890	1,890	1,890	1,890	1,890	1,890	1,890
Sub-total Contributions to Capital	6,480	6,480	6,480	6,480	6,480	6,480	6,480	6,480	6,480	6,480	6,480
Debt Charges											
Wastewater	12,534	12,882	20,924	28,830	37,469	44,805	50,966	56,025	59,603	58,873	58,812
Stormwater	2,491	3,584	4,531	5,128	5,612	5,826	6,129	6,717	7,176	7,317	7,026
DC Debt Charges Recoveries	(3,225)	(3,765)	(9,493)	(14,513)	(19,089)	(24,387)	(30,925)	(37,375)	(40,613)	(40,639)	(40,666)
Sub-total Debt Charges	11,800	12,701	15,962	19,445	23,992	26,243	26,170	25,368	26,166	25,550	25,173
Reserve Transfers	(13,474)	(23,220)	8,199	8,266	3,435	(16,901)	(39,868)	(41,023)	(42,907)	(36,551)	(42,885)
Sub-Total Capital & Reserve Impacts on Operating	79,677	81,510	86,007	90,327	94,643	98,958	103,833	107,746	112,781	117,801	122,819
TOTAL EXPENDITURES	127,246	133,106	139,667	146,133	152,682	159,319	166,608	173,032	180,678	188,414	196,257
REVENUES											
Residential	55,449	58,311	61,797	65,092	68,445	71,857	75,614	78,688	82,841	87,065	91,363
Industrial/Commercial/Institutional/Multi-res	60,529	62,946	65,555	68,248	70,940	73,632	76,610	79,384	82,280	85,171	88,067
Non-Metered	440	413	430	445	465	485	505	525	545	565	590
Hauler / 3rd Party Sales	700	910	946	984	1,024	1,065	1,107	1,151	1,197	1,245	1,295
Overstrength Agreements	3,211	3,307	3,439	3,577	3,720	3,869	4,023	4,184	4,352	4,526	4,707
Sewer Surcharge Agreements	6,224	6,511	6,772	7,043	7,324	7,617	7,922	8,239	8,568	8,911	9,267
Non-Rate Revenue	692	709	727	745	765	795	827	860	894	930	967
TOTAL REVENUES	127,246	133,106	139,667	146,133	152,682	159,319	166,608	173,032	180,678	188,414	196,257
NET EXPENDITURES	-	-	-	-	-	-	-	-	-	-	-
Rate Increase	5.2%	4.3%	4.7%	4.1%	4.0%	3.8%	4.1%	3.0%	4.1%	4.0%	3.8%
RESIDENTIAL BILL (200m³ p.a.)	\$ 408.10	\$ 425.80	\$ 445.95	\$ 464.45	\$ 482.95	\$ 501.45	\$ 521.95	\$ 537.60	\$ 559.75	\$ 581.90	\$ 604.05