

CITY OF HAMILTON
2017 HAMILTON WATER OPERATING BUDGET
COMBINED WASTEWATER AND STORM

	2016 RESTATE BUDGET	2016 PROJECTED ACTUAL	2017 MAINTENANCE BUDGET	2017 PROGRAM CHANGE	2017 REQUESTED BUDGET	2016 PROJECTED ACTUAL / 2016 RESTATE BUDGET	CHANGE	2017 REQUESTED / 2016 RESTATE BUDGET	%
OPERATING EXPENDITURES:									
Environmental Services									
Divisional Administration & Support	1,117,020	1,104,396	1,185,974	-	1,185,974	12,624	1.1%	68,954	6.2%
Woodward Upgrades	1,184,080	1,177,580	1,385,230	-	1,385,230	6,500	0.5%	201,150	17.0%
Customer Service & Community Outreach	740,920	725,920	290,560	-	290,560	15,000	2.0%	(450,360)	(60.8%)
Outreach & Education	-	-	688,890	-	688,890	-	#DIV/0!	688,890	#DIV/0!
Service Co-ordination	1,461,547	1,446,788	1,508,701	-	1,508,701	14,759	1.0%	47,154	3.2%
Engineering Systems & Data Collection	726,115	706,015	930,075	-	930,075	20,100	2.8%	203,960	28.1%
Compliance & Regulations	389,190	385,285	389,490	-	389,490	3,905	1.0%	300	0.1%
Laboratory Services	2,214,867	2,188,397	2,494,772	-	2,494,772	26,470	1.2%	279,906	12.6%
Environmental Monitoring & Enforcement	1,643,440	1,628,740	1,777,770	-	1,777,770	14,700	0.9%	134,330	8.2%
Water Distribution & Wastewater Collection	5,117,142	4,549,847	5,111,187	42,622	5,153,809	567,295	11.1%	36,667	0.7%
Plant Operations & Maintenance	19,385,097	19,245,952	21,455,744	204,724	21,660,468	139,145	0.7%	2,275,372	11.7%
Capital Delivery	733,298	684,704	752,044	-	752,044	48,594	6.6%	18,746	2.6%
Sustainable Initiatives	299,338	315,788	341,625	16,779	358,404	(16,450)	(5.5%)	59,066	19.7%
Infrastructure & Source Water Planning	1,446,945	1,263,954	1,492,648	-	1,492,648	192,991	13.3%	45,702	3.2%
Wastewater Abatement Program	585,020	650,000	650,000	-	650,000	(64,980)	(11.1%)	64,980	11.1%
Horizon Utilities Service Contract	2,304,115	2,304,000	2,412,500	-	2,412,500	115	0.0%	108,385	4.7%
Corporate & Departmental Support Services	3,302,950	3,302,950	2,852,490	-	2,852,490	-	0.0%	(450,460)	(13.6%)
Utilities Arrears Program	250,020	250,020	250,000	-	250,000	-	0.0%	(20)	(0.0%)
Sewer Lateral Management Program	-	-	-	500,000	500,000	-	#DIV/0!	500,000	#DIV/0!
Hamilton Harbour Remedial Action Plan	500,500	500,500	500,000	-	500,000	-	0.0%	(500)	(0.1%)
Protective Plumbing Program (3P)	2,503,600	3,450,000	2,500,000	-	2,500,000	(946,400)	(37.8%)	(3,600)	(0.1%)
Financial Charges	184,700	109,670	246,644	-	246,644	75,030	40.6%	61,944	33.5%
Capital and Reserve Recoveries	(4,875,538)	(4,875,538)	(5,173,184)	-	(5,173,184)	(0)	0.0%	(297,646)	6.1%
Sub-Total Environmental Services	41,214,364	41,104,966	44,043,159	764,125	44,807,284	109,398	0.3%	3,592,920	8.7%
Capital and Reserve Impacts on Operating									
Contributions to Capital									
Wastewater	41,695,000	41,695,000	13,325,000	-	13,325,000	-	0.0%	(28,370,000)	(68.0%)
Stormwater	7,414,990	7,414,990	10,959,000	-	10,959,000	-	0.0%	3,544,010	47.8%
Sub-Total Contributions to Capital	49,109,990	49,109,990	24,284,000	-	24,284,000	-	0.0%	(24,825,990)	(50.6%)
Contributions for DC Exemptions									
Wastewater	3,990,000	3,990,000	3,870,000	-	3,870,000	-	0.0%	(120,000)	(3.0%)
Stormwater	750,000	750,000	730,000	-	730,000	-	0.0%	(20,000)	(2.7%)
Sub-Total Contributions for DC Exemptions	4,740,000	4,740,000	4,600,000	-	4,600,000	-	0.0%	(140,000)	(3.0%)
Debt Charges									
Wastewater	6,944,810	4,601,343	10,130,540	-	10,130,540	2,343,467	33.7%	3,185,730	45.9%
Stormwater	1,706,590	540,294	2,272,051	-	2,272,051	1,166,296	68.3%	565,461	33.1%
DC Debt Charges Recoveries	(2,472,743)	(92,142)	(1,855,909)	-	(1,855,909)	(2,380,601)	96.3%	616,834	(24.9%)
Sub-Total Debt Charges	6,178,657	5,049,495	10,546,681	-	10,546,681	1,129,162	18.3%	4,368,024	70.7%
Sub-Total Capital Financing	60,028,647	58,899,485	39,430,681	-	39,430,681	1,129,162	1.9%	(20,597,966)	(34.3%)
Reserve Transfers	(1,993,381)	(931,475)	19,401,040	(764,125)	18,636,915	(1,061,906)	53.3%	20,630,296	(1034.9%)
Sub-Total Capital and Reserve Impacts on Operating	58,035,266	57,968,010	58,831,721	(764,125)	58,067,596	67,256	0.1%	32,330	0.1%
TOTAL EXPENDITURES	99,249,630	99,072,976	102,874,880	-	102,874,880	176,654	0.2%	3,625,250	3.7%

CITY OF HAMILTON
2017 HAMILTON WATER OPERATING BUDGET
COMBINED WASTEWATER AND STORM

	2016 RESTATE D BUDGET \$	2016 PROJECTED ACTUAL \$	2017 MAINTENANCE BUDGET \$	2017 PROGRAM CHANGE \$	2017 REQUESTED BUDGET \$	CHANGE 2016 PROJECTED ACTUAL / 2016 RESTATE D BUDGET \$	CHANGE 2016 PROJECTED ACTUAL / 2016 RESTATE D BUDGET %	CHANGE 2017 REQUESTED / 2016 RESTATE D BUDGET \$	CHANGE 2017 REQUESTED / 2016 RESTATE D BUDGET %
REVENUES:									
Rate Revenue									
Residential	42,352,520	42,282,130	44,804,890	-	44,804,890	(70,390)	(0.2%)	2,452,370	5.8%
Industrial/Commercial/Institutional/Multi-res	48,273,040	48,504,994	50,306,990	-	50,306,990	231,954	0.5%	2,033,950	4.2%
Non-Metered	212,500	259,213	220,000	-	220,000	46,713	22.0%	7,500	3.5%
Hauler / 3rd Party Sales	663,710	654,760	790,000	-	790,000	(8,950)	(1.3%)	126,290	19.0%
Overstrength Agreements	2,200,000	2,106,333	2,148,500	-	2,148,500	(93,667)	(4.3%)	(51,500)	(2.3%)
Sewer Surcharge Agreements	4,200,000	3,561,601	3,581,800	-	3,581,800	(638,399)	(15.2%)	(618,200)	(14.7%)
Sub-Total Utility Rates	97,901,770	97,369,031	101,852,180	-	101,852,180	(532,739)	(.5%)	3,950,410	4.0%
Non-Rate Revenue									
Local Improvement Recoveries	225,850	211,525	40,000	-	40,000	(14,325)	(6.3%)	(185,850)	(82.3%)
Permits / Leases / Agreements	584,610	840,120	398,910	-	398,910	255,510	43.7%	(185,700)	(31.8%)
General Fees and Recoveries	537,400	652,300	583,790	-	583,790	114,900	21.4%	46,390	8.6%
Sub-Total Non-Rate Revenue	1,347,860	1,703,945	1,022,700	-	1,022,700	356,085	26.4%	(325,160)	(24.1%)
TOTAL REVENUES	99,249,630	99,072,976	102,874,880	-	102,874,880	(176,654)	(0.2%)	3,625,250	3.7%
NET EXPENDITURES	-	-	-	-	-	0	-	-	-

CITY OF HAMILTON
2017 - 2019 WATER, WASTEWATER AND STORM OPERATING BUDGET
COMBINED WASTEWATER AND STORM

	2016 RESTATE BUDGET	2017 REQUESTED BUDGET	2018 PROJECTED BUDGET	2019 PROJECTED BUDGET	CHANGE 2017 REQUESTED / 2016 RESTATE \$	CHANGE 2018 PROJECTED / 2017 REQUESTED %	CHANGE 2019 PROJECTED / 2018 PROJECTED %	CHANGE 2018 PROJECTED / 2017 REQUESTED \$	CHANGE 2019 PROJECTED / 2018 PROJECTED %
OPERATING EXPENDITURES:									
Environmental Services									
Divisional Administration & Support	1,117,020	1,185,974	1,221,553	1,258,200	68,954	6.2%		35,579	3.0%
Woodward Upgrades	1,184,080	1,385,230	1,426,787	1,469,591	201,150	17.0%		41,557	3.0%
Customer Service & Community Outreach	740,920	290,560	299,277	308,255	(450,360)	(60.8%)		8,717	3.0%
Outreach & Education	-	688,890	709,557	730,843	688,890	#DIV/0!		20,667	3.0%
Service Co-ordination	1,461,547	1,508,701	1,553,962	1,600,581	47,154	3.2%		45,261	3.0%
Engineering Systems & Data Collection	726,115	930,075	957,977	986,716	203,960	28.1%		27,902	3.0%
Compliance & Regulations	389,190	389,490	401,175	413,210	300	0.1%		11,685	3.0%
Laboratory Services	2,214,867	2,494,772	2,569,615	2,646,704	279,906	12.6%		74,843	3.0%
Environmental Monitoring & Enforcement	1,643,440	1,777,770	1,831,103	1,886,036	134,330	8.2%		53,333	3.0%
Water Distribution & Wastewater Collection	5,117,142	5,153,809	5,308,423	5,467,676	36,667	0.7%		154,614	3.0%
Plant Operations & Maintenance	19,385,097	21,660,468	22,310,282	22,979,591	2,275,372	11.7%		649,814	3.0%
Capital Delivery	733,298	752,044	774,605	797,844	18,746	2.6%		22,561	3.0%
Sustainable Initiatives	299,338	358,404	369,156	380,230	59,066	19.7%		10,752	3.0%
Infrastructure & Source Water Planning	1,446,945	1,492,648	1,537,427	1,583,550	45,702	3.2%		44,779	3.0%
Wastewater Abatement Program	585,020	650,000	669,500	689,585	64,980	11.1%		19,500	3.0%
Horizon Utilities Service Contract	2,304,115	2,412,500	2,484,875	2,559,421	108,385	4.7%		72,375	3.0%
Corporate & Departmental Support Services	3,302,950	2,852,490	2,861,649	2,871,083	(450,460)	(13.6%)		9,159	0.3%
Utilities Arrears Program	250,020	250,000	250,000	250,000	(20)	(0.0%)		-	0.0%
Sewer Lateral Management Program	-	500,000	515,000	530,450	500,000	#DIV/0!		15,000	3.0%
Hamilton Harbour Remedial Action Plan	500,500	500,000	515,000	530,450	(500)	(0.1%)		15,000	3.0%
Protective Plumbing Program (3P)	2,503,600	2,500,000	2,575,000	2,652,250	(3,600)	(0.1%)		75,000	3.0%
Financial Charges	184,700	246,644	254,043	261,664	61,944	33.5%		7,399	3.0%
Capital and Reserve Recoveries	(4,875,538)	(5,173,184)	(5,328,380)	(5,488,231)	(297,646)	6.1%		(155,196)	3.0%
Sub-Total Environmental Services	41,214,364	44,807,284	46,067,587	47,365,699	3,592,920	8.7%		1,260,303	2.8%
Capital and Reserve Impacts on Operating									
Contributions to Capital									
Wastewater	41,695,000	13,325,000	31,037,000	40,761,000	(28,370,000)	(68.0%)		17,712,000	132.9%
Stormwater	7,414,990	10,959,000	9,136,000	8,395,000	3,544,010	47.8%		(1,823,000)	(16.6%)
Sub-Total Contributions to Capital	49,109,990	24,284,000	40,173,000	49,156,000	(24,825,990)	(50.6%)		15,889,000	65.4%
Contributions for DC Exemptions									
Wastewater	3,990,000	3,870,000	3,800,000	3,725,000	(120,000)	(3.0%)		(70,000)	(1.8%)
Stormwater	750,000	730,000	720,000	710,000	(20,000)	(2.7%)		(10,000)	(1.4%)
Sub-Total Contributions for DC Exemptions	4,740,000	4,600,000	4,520,000	4,435,000	(140,000)	(3.0%)		(80,000)	(1.7%)
Debt Charges									
Wastewater	6,944,810	10,130,540	16,056,762	23,548,178	3,185,730	45.9%		5,926,222	58.5%
Stormwater	1,706,590	2,272,051	5,181,650	8,042,404	565,461	33.1%		2,909,600	128.1%
DC Debt Charges Recoveries	(2,472,743)	(1,855,909)	(7,417,491)	(14,728,000)	616,834	(24.9%)		(5,561,582)	299.7%
Sub-Total Debt Charges	6,178,657	10,546,681	13,820,921	16,862,582	4,368,024	70.7%		3,274,240	31.0%
Sub-Total Capital Financing	60,028,647	39,430,681	58,513,921	70,453,582	(20,597,966)	(34.3%)		19,083,240	48.4%
Reserve Transfers	(1,993,381)	18,636,915	3,643,549	(4,349,575)	20,630,296	(1034.9%)		(14,993,366)	(80.4%)
Sub-Total Capital and Reserve Impacts on Operating	58,035,266	58,067,596	62,157,471	66,104,007	32,330	0.1%		4,089,875	7.0%
TOTAL EXPENDITURES	99,249,630	102,874,880	108,225,057	113,469,706	3,625,250	3.7%		5,350,178	5.2%
								5,244,648	4.8%

CITY OF HAMILTON
2017 - 2019 WATER, WASTEWATER AND STORM OPERATING BUDGET
COMBINED WASTEWATER AND STORM

	2016 RESTATED BUDGET	2017 REQUESTED BUDGET	2018 PROJECTED BUDGET	2019 PROJECTED BUDGET	CHANGE 2017 REQUESTED / 2016 RESTATED BUDGET	CHANGE 2018 PROJECTED / 2017 REQUESTED BUDGET	CHANGE 2019 PROJECTED / 2018 PROJECTED BUDGET
	\$	\$	\$	\$	%	%	%
REVENUES:							
Rate Revenue							
Residential	42,352,520	44,804,890	47,557,924	50,188,681	2,452,370	2,753,034	2,630,757
Industrial/Commercial/Institutional/Multi-res	48,273,040	50,306,990	52,679,043	55,051,092	2,033,950	2,372,053	2,372,048
Non-Metered	212,500	220,000	220,000	230,000	7,500	-	10,000
Hauler / 3rd Party Sales	663,710	790,000	813,700	838,111	126,290	23,700	24,411
Overstrength Agreements	2,200,000	2,148,500	2,212,955	2,279,344	(51,500)	64,455	66,389
Sewer Surcharge Agreements	4,200,000	3,581,800	3,689,254	3,799,932	(618,200)	107,454	110,678
Sub-Total Utility Rates	97,901,770	101,852,180	107,172,877	112,387,159	3,950,410	5,320,697	5,214,283
					4.0%	5.2%	4.9%
Non-Rate Revenue							
Local Improvement Recoveries	225,850	40,000	40,000	40,000	(185,850)	-	-
Permits/Leases/Agreements	584,610	398,910	410,877	423,204	(185,700)	11,967	12,326
General Fees and Recoveries	537,400	583,790	601,303	619,343	46,390	17,514	18,039
Sub-Total Non-Rate Revenue	1,347,860	1,022,700	1,052,181	1,082,546	(325,160)	29,481	30,365
					(24.1%)	2.9%	2.9%
TOTAL REVENUES	99,249,630	102,874,880	108,225,057	113,469,706	3,625,250	5,350,178	5,244,648
					3.7%	5.2%	4.8%
NET EXPENDITURES	-	-	-	-	(0)	-	0

CITY OF HAMILTON
2017-2026 WATER, WASTEWATER & STORM OPERATING BUDGET
COMBINED WASTEWATER AND STORM
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	2016 Restated	2017 Requested	2018 Forecast	2019 Forecast	2020 Forecast	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast
OPERATING EXPENDITURES											
OPERATING COSTS	37,714	40,307	41,433	42,592	43,042	41,908	48,315	52,415	54,137	55,911	57,739
BIO-SOLIDS	3,500	4,500	4,635	4,774	3,245	3,342	3,442	3,546	3,652	3,762	3,875
TERTIARY TREATMENT	-	-	-	-	2,500	5,000	5,000	5,000	5,000	5,000	5,000
TOTAL OPERATING COSTS	41,214	44,807	46,068	47,366	48,787	50,250	56,758	60,961	62,789	64,673	66,613
CAPITAL & RESERVE IMPACTS ON OPERATING											
Contributions to Capital											
Wastewater	41,695	13,325	31,037	40,761	48,580	43,922	23,852	33,552	36,312	61,552	77,182
Stormwater	7,415	10,959	9,136	8,395	6,425	6,655	7,075	7,265	7,065	6,095	5,375
Sub-total Contributions to Capital	49,110	24,284	40,173	49,156	55,005	50,577	30,927	40,817	43,377	67,647	82,557
Contributions for DC Exemptions											
Wastewater	3,990	3,870	3,800	3,725	3,650	3,600	3,525	3,450	3,450	3,450	3,450
Stormwater	750	730	720	710	700	690	680	670	670	670	670
Sub-total Contributions to Capital	4,740	4,600	4,520	4,435	4,350	4,290	4,205	4,120	4,120	4,120	4,120
Debt Charges											
Wastewater	6,945	10,131	16,057	23,548	28,872	30,630	30,557	30,367	30,375	30,630	30,886
Stormwater	1,707	2,272	5,182	8,042	9,669	10,068	10,395	10,721	11,021	11,321	11,622
DC Debt Charges Recoveries	-2,473	-1,856	-7,417	-14,728	-18,774	-19,610	-20,087	-20,446	-20,978	-21,758	-22,537
Sub-total Debt Charges	6,179	10,547	13,821	16,863	19,767	21,088	20,865	20,643	20,418	20,193	19,970
Reserve Transfers	-1,993	18,637	3,644	-4,350	-8,978	-1,223	18,409	10,624	11,564	-8,996	-19,689
Sub-Total Capital & Reserve Impacts on Operating	58,035	58,068	62,157	66,104	70,144	74,732	74,406	76,204	79,479	82,965	86,958
TOTAL EXPENDITURES	99,250	102,875	108,225	113,470	118,931	124,982	131,164	137,165	142,268	147,638	153,571
REVENUES											
Residential	42,353	44,805	47,558	50,189	53,027	56,259	59,139	62,211	64,947	67,556	70,921
Industrial/Commercial/Institutional/Multi-res	48,273	50,307	52,679	55,051	57,423	59,986	63,023	65,680	67,767	70,239	72,511
Non-Metered	213	220	220	230	240	250	260	270	280	290	300
Hauler / 3rd Party Sales	664	790	814	838	863	889	916	943	972	1,001	1,031
Overstrength Agreements	2,200	2,149	2,213	2,279	2,348	2,418	2,491	2,565	2,642	2,722	2,803
Sewer Surcharge Agreements	4,200	3,582	3,689	3,800	3,914	4,031	4,152	4,277	4,405	4,537	4,673
Non-Rate Revenue	1,348	1,023	1,052	1,083	1,115	1,148	1,183	1,218	1,255	1,293	1,331
TOTAL REVENUES	99,250	102,875	108,225	113,470	118,931	124,982	131,164	137,165	142,268	147,638	153,571
NET EXPENDITURES											
Rate Increase	4.7%	4.8%	5.2%	4.6%	4.7%	5.1%	4.3%	4.3%	3.5%	3.2%	4.0%
RESIDENTIAL BILL (200m³ p.a.)	\$ 324.00	\$ 339.70	\$ 357.40	\$ 373.90	\$ 391.60	\$ 411.75	\$ 429.40	\$ 447.90	\$ 463.60	\$ 478.45	\$ 497.80