

CITY OF HAMILTON
 2016 HAMILTON WATER OPERATING BUDGET
 COMBINED WASTEWATER AND STORM

	2015 RESTATED BUDGET \$	2015 PROJECTED ACTUAL \$	2016 MAINTENANCE BUDGET \$	2016 PROGRAM CHANGE \$	2016 REQUESTED BUDGET \$	CHANGE 2015 PROJECTED ACTUAL / 2015 RESTATED BUDGET %	CHANGE 2016 REQUESTED / 2015 RESTATED BUDGET %
OPERATING EXPENDITURES:							
Environmental Services							
Divisional Administration & Support	1,323,010	1,416,480	1,369,030	-	1,369,030	(93,470)	(7.1%)
Woodward Upgrades	1,108,630	1,100,030	1,152,010	-	1,152,010	8,600	0.8%
Customer Service & Community Outreach	733,450	572,250	726,900	-	726,900	161,200	22.0%
Service Co-ordination	1,418,020	1,302,390	1,428,560	-	1,428,560	115,630	8.2%
Engineering Systems & Data Collection	696,920	642,550	708,150	-	708,150	54,370	7.8%
Compliance & Regulations	367,180	371,120	380,660	-	380,660	(3,940)	(1.1%)
Laboratory Services	2,080,900	2,164,620	2,134,210	-	2,134,210	(83,720)	(4.0%)
Environmental Monitoring & Enforcement	1,540,050	1,536,960	1,601,670	-	1,601,670	3,090	0.2%
Water Distribution & Wastewater Collection	4,764,330	4,420,320	4,994,050	8,340	5,002,390	344,010	7.2%
Plant Operations & Maintenance	18,063,540	18,433,200	19,417,660	48,770	19,466,430	(369,660)	(2.0%)
Capital Delivery	700,470	706,430	711,320	7,300	718,620	(5,960)	(0.9%)
Sustainable Initiatives	339,570	292,100	292,930	-	292,930	47,470	14.0%
Infrastructure & Source Water Planning	1,178,460	1,281,900	1,225,760	241,440	1,467,200	(103,440)	(8.8%)
Wastewater Abatement Program	585,000	585,000	585,000	-	585,000	-	0.0%
Horizon Utilities Service Contract	2,303,500	2,303,500	2,304,000	-	2,304,000	-	0.0%
Corporate & Departmental Support Services	3,082,030	3,026,810	2,899,220	-	2,899,220	55,220	1.8%
Utilities Arrears Program	250,000	250,000	250,000	-	250,000	-	0.0%
Hamilton Harbour Remedial Action Plan	335,000	290,000	500,000	-	500,000	45,000	13.4%
Protective Plumbing Program (3P)	2,500,000	4,000,000	2,500,000	-	2,500,000	(1,500,000)	(60.0%)
Financial Charges	283,560	283,570	283,560	-	283,560	(10)	(0.0%)
Capital and Reserve Recoveries	(4,308,360)	(4,374,790)	(4,541,250)	(248,740)	(4,789,990)	66,430	(1.5%)
Sub-Total Environmental Services	39,345,260	40,604,440	40,923,440	57,110	40,980,550	(1,259,180)	(3.2%)
Capital and Reserve Impacts on Operating							
Contributions to Capital							
Wastewater	27,178,000	27,178,000	41,695,000	-	41,695,000	-	0.0%
Stormwater	11,579,000	11,579,000	7,415,000	-	7,415,000	-	0.0%
Sub-Total Contributions to Capital	38,757,000	38,757,000	49,110,000	-	49,110,000	-	0.0%
Contributions for DC Exemptions							
Wastewater	4,040,000	4,040,000	3,990,000	-	3,990,000	-	0.0%
Stormwater	760,000	760,000	750,000	-	750,000	-	0.0%
Sub-Total Contributions for DC Exemptions	4,800,000	4,800,000	4,740,000	-	4,740,000	-	0.0%
Debt Charges							
Wastewater	5,503,810	3,980,000	6,944,812	-	6,944,812	1,523,810	27.7%
Stormwater	2,032,750	210,000	1,706,586	-	1,706,586	1,822,750	89.7%
DC Debt Charges Recoveries	(1,358,620)	92,000	(2,448,159)	-	(2,448,159)	(1,450,620)	106.8%
Sub-Total Debt Charges	6,177,940	4,282,000	6,203,240	-	6,203,240	1,895,940	30.7%
Sub-Total Capital Financing	49,734,940	47,839,000	60,053,240	-	60,053,240	1,895,940	3.8%
Reserve Transfers	4,978,980	3,780,020	(1,733,770)	(57,110)	(1,790,880)	1,198,960	24.1%
Sub-Total Capital and Reserve Impacts on Operating	54,713,920	51,619,020	58,319,470	(57,110)	58,262,360	3,094,900	5.7%
TOTAL EXPENDITURES	94,059,180	92,223,460	99,242,910	-	99,242,910	1,835,720	2.0%
						5,183,730	5.5%

CITY OF HAMILTON
2016 HAMILTON WATER OPERATING BUDGET
 COMBINED WASTEWATER AND STORM

	2015 RESTATED BUDGET \$	2015 PROJECTED ACTUAL \$	2016 MAINTENANCE BUDGET \$	2016 PROGRAM CHANGE \$	2016 REQUESTED BUDGET \$	CHANGE 2015 PROJECTED ACTUAL / 2015 RESTATED BUDGET %	CHANGE 2016 REQUESTED / 2015 RESTATED BUDGET %
REVENUES:							
Rate Revenue							
Residential	40,234,400	39,945,310	42,352,520	-	42,352,520	(0.7%)	2,118,120
Industrial/Commercial/Institutional/Multi-res	45,927,100	45,899,350	48,273,040	-	48,273,040	(0.1%)	2,345,940
Non-Metered	265,000	265,000	212,500	-	212,500	0.0%	(52,500)
Hauler / 3rd Party Sales	809,800	809,800	809,800	-	809,800	0.0%	-
Overstrength Agreements	1,844,610	2,459,000	2,200,000	-	2,200,000	33.3%	355,390
Sewer Surcharge Agreements	3,835,100	3,699,910	4,200,000	-	4,200,000	(3.5%)	364,900
Sub-Total Utility Rates	92,916,010	93,078,370	98,047,860	-	98,047,860	0.2%	5,131,850
Non-Rate Revenue							
Local Improvement Recoveries	265,850	267,560	265,850	-	265,850	0.6%	-
Permits / Leases / Agreements	431,420	242,640	434,760	-	434,760	(43.8%)	3,340
General Fees and Recoveries	445,900	504,270	494,440	-	494,440	13.1%	48,540
Sub-Total Non-Rate Revenue	1,143,170	1,014,470	1,195,050	-	1,195,050	(11.3%)	51,880
TOTAL REVENUES	94,059,180	94,092,840	99,242,910	-	99,242,910	0.0%	5,183,730
NET EXPENDITURES	-	(1,869,380)	-	-	1,869,380	-	-

CITY OF HAMILTON
2016 - 2018 WATER, WASTEWATER AND STORM OPERATING BUDGET
 COMBINED WASTEWATER AND STORM

	2015 RESTATED BUDGET \$	2016 REQUESTED BUDGET \$	2017 PROJECTED BUDGET \$	2018 PROJECTED BUDGET \$	CHANGE 2016 REQUESTED / 2015 RESTATED BUDGET %	CHANGE 2017 REQUESTED / 2016 REQUESTED BUDGET %	CHANGE 2018 PROJECTED / 2017 PROJECTED BUDGET %
OPERATING EXPENDITURES:							
Environmental Services							
Divisional Administration & Support	1,323,010	1,369,030	1,410,101	1,452,404	46,020	3.5%	3.0%
Woodward Upgrades	1,108,630	1,152,010	1,186,570	1,222,167	43,380	3.9%	3.0%
Customer Service & Community Outreach	733,450	726,900	748,707	771,168	(6,560)	(0.9%)	3.0%
Service Co-ordination	1,418,020	1,428,560	1,471,417	1,515,559	10,540	0.7%	3.0%
Engineering Systems & Data Collection	696,920	708,150	729,395	751,276	11,230	1.6%	3.0%
Compliance & Regulations	367,180	380,660	392,080	403,842	13,480	3.7%	3.0%
Laboratory Services	2,080,900	2,134,210	2,198,236	2,264,183	53,310	2.6%	3.0%
Environmental Monitoring & Enforcement	1,540,050	1,601,670	1,649,720	1,699,212	61,620	4.0%	3.0%
Water Distribution & Wastewater Collection	4,764,330	5,002,390	5,152,462	5,307,036	238,060	5.0%	3.0%
Plant Operations & Maintenance	18,063,540	19,466,430	20,050,423	20,651,936	1,402,890	7.8%	3.0%
Capital Delivery	700,470	718,620	740,179	762,384	18,150	2.6%	3.0%
Sustainable Initiatives	339,570	292,930	301,718	310,769	(46,640)	(13.7%)	3.0%
Infrastructure & Source Water Planning	1,178,460	1,467,200	1,511,216	1,556,552	288,740	24.5%	3.0%
Wastewater Abatement Program	585,000	585,000	602,550	620,627	-	0.0%	3.0%
Horizon Utilities Service Contract	2,303,500	2,304,000	2,373,120	2,444,314	500	0.0%	3.0%
Corporate & Departmental Support Services	3,082,030	2,899,220	2,986,197	3,075,782	(182,810)	(5.9%)	3.0%
Utilities Arrears Program	250,000	250,000	250,000	250,000	-	0.0%	0.0%
Hamilton Harbour Remedial Action Plan	335,000	500,000	515,000	530,450	165,000	49.3%	3.0%
Protective Plumbing Program (3P)	2,500,000	2,500,000	2,575,000	2,652,250	-	0.0%	3.0%
Financial Charges	283,560	283,560	292,067	300,829	-	0.0%	3.0%
Capital and Reserve Recoveries	(4,308,360)	(4,789,990)	(4,933,690)	(5,081,700)	(481,630)	11.2%	3.0%
Sub-Total Environmental Services	39,345,260	40,980,550	42,202,467	43,461,040	1,635,290	4.2%	3.0%
Capital and Reserve Impacts on Operating							
Contributions to Capital							
Wastewater	27,178,000	41,695,000	30,480,000	29,380,000	14,517,000	53.4%	(26.9%)
Stormwater	11,579,000	7,415,000	9,179,000	6,925,000	(4,164,000)	(36.0%)	23.8%
Sub-Total Contributions to Capital	38,757,000	49,110,000	39,659,000	36,305,000	10,353,000	26.7%	(19.2%)
Contributions for DC Exemptions							
Wastewater	4,040,000	3,990,000	3,870,000	3,800,000	(50,000)	(1.2%)	(3.0%)
Stormwater	760,000	750,000	730,000	720,000	(10,000)	(1.3%)	(2.7%)
Sub-Total Contributions for DC Exemptions	4,800,000	4,740,000	4,600,000	4,520,000	(60,000)	(1.3%)	(3.0%)
Debt Charges							
Wastewater	5,503,810	6,944,812	12,306,155	18,453,540	1,441,002	26.2%	77.2%
Stormwater	2,032,750	1,706,586	4,582,583	7,623,783	(326,164)	(16.0%)	168.5%
DC Debt Charges Recoveries	(1,358,620)	(2,448,159)	(6,652,699)	(11,827,652)	(1,089,539)	80.2%	171.7%
Sub-Total Debt Charges	6,177,940	6,203,240	10,236,039	14,249,670	25,300	0.4%	65.0%
Sub-Total Capital Financing	49,734,940	60,053,240	54,495,039	55,074,670	10,318,300	20.7%	(9.3%)
Reserve Transfers	4,978,980	(1,790,880)	7,340,637	10,899,019	(6,769,860)	(136.0%)	(509.9%)
Sub-Total Capital and Reserve Impacts on Operating	54,713,920	58,262,360	61,835,676	65,973,689	3,548,440	6.5%	6.1%
TOTAL EXPENDITURES	94,059,180	99,242,910	104,038,143	109,434,730	5,183,730	5.5%	4.8%
					4,795,233		5.2%
					4,138,013		6.7%
					3,558,382		48.5%
					4,013,631		39.2%
					579,631		1.1%
					1,100,000		(3.6%)
					(2,254,000)		(24.6%)
					(3,354,000)		(8.5%)
					(70,000)		(1.8%)
					(10,000)		(1.4%)
					(80,000)		(1.7%)
					6,147,385		50.0%
					3,041,200		66.4%
					(5,174,954)		77.8%
					4,013,631		39.2%

CITY OF HAMILTON
2016 - 2018 WATER, WASTEWATER AND STORM OPERATING BUDGET
 COMBINED WASTEWATER AND STORM

	2015 RESTATED BUDGET \$	2016 REQUESTED BUDGET \$	2017 PROJECTED BUDGET \$	2018 PROJECTED BUDGET \$	CHANGE 2016 REQUESTED / 2015 RESTATED BUDGET %	CHANGE 2017 PROJECTED / 2016 REQUESTED BUDGET %	CHANGE 2018 PROJECTED / 2017 PROJECTED BUDGET %
REVENUES:							
Rate Revenue							
Residential	40,234,400	42,352,520	44,808,339	47,569,742	2,118,120	2,455,819	2,761,403
Industrial/Commercial/Institutional/Multi-res	45,927,100	48,273,040	50,360,784	52,734,473	2,345,940	2,087,744	2,373,689
Non-Metered	265,000	212,500	220,000	230,000	(52,500)	7,500	10,000
Hauler / 3rd Party Sales	809,800	809,800	834,094	859,117	-	24,294	25,023
Overstrength Agreements	1,844,610	2,200,000	2,266,000	2,333,980	355,390	66,000	67,980
Sewer Surcharge Agreements	3,835,100	4,200,000	4,326,000	4,455,780	364,900	126,000	129,780
Sub-Total Utility Rates	92,916,010	98,047,860	102,815,217	108,183,091	5,131,850	4,767,357	5,367,875
Non-Rate Revenue							
Local Improvement Recoveries	265,850	265,850	265,850	265,850	-	-	-
Permits/Leases/Agreements	431,420	434,760	447,803	461,237	3,340	13,043	13,434
General Fees and Recoveries	445,900	494,440	509,273	524,551	48,540	14,833	15,278
Sub-Total Non-Rate Revenue	1,143,170	1,195,050	1,222,926	1,251,638	51,880	27,876	28,712
TOTAL REVENUES	94,059,180	99,242,910	104,038,143	109,434,730	5,183,730	4,795,233	5,396,587
NET EXPENDITURES	-	-	-	-	(0)	(0)	(0)

CITY OF HAMILTON
2016-2025 WATER, WASTEWATER & STORM OPERATING BUDGET
 COMBINED WASTEWATER AND STORM
 (\$ 000'S)

	2015 Restated	2016 Requested	2017 Forecast	2018 Forecast	2019 Forecast	2020 Forecast	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast	2025 Forecast
OPERATING EXPENDITURES											
OPERATING COSTS	35,845	36,481	37,652	38,861	40,115	41,408	42,741	44,191	45,761	47,379	49,047
BIO-SOLIDS	3,500	4,500	4,550	4,600	4,650	4,700	4,750	4,800	4,850	4,900	4,950
TERTIARY TREATMENT	-	-	-	-	-	-	2,500	5,000	5,000	5,000	5,000
TOTAL OPERATING COSTS	39,345	40,981	42,202	43,461	44,765	46,108	49,991	53,991	55,611	57,279	58,997
			3.0%	3.0%	3.0%	3.0%	8.4%	8.0%	3.0%	3.0%	3.0%
CAPITAL & RESERVE IMPACTS ON OPERATING											
Contributions to Capital											
Wastewater	27,178	41,695	30,480	29,380	41,553	37,490	33,023	42,871	32,151	45,933	68,575
Stormwater	11,579	7,415	9,179	6,925	6,915	10,695	11,305	8,285	9,465	8,655	7,965
Sub-total Contributions to Capital	38,757	49,110	39,659	36,305	48,468	48,185	44,328	51,156	41,616	54,588	76,540
Contributions for DC Exemptions											
Wastewater	4,040	3,990	3,870	3,800	3,725	3,650	3,600	3,525	3,450	3,450	3,450
Stormwater	760	750	730	720	710	700	690	680	670	670	670
Sub-total Contributions to Capital	4,800	4,740	4,600	4,520	4,435	4,350	4,290	4,205	4,120	4,120	4,120
Debt Charges											
Wastewater	5,504	6,945	12,306	18,454	22,992	25,491	27,256	27,223	27,312	27,598	27,931
Stormwater	2,033	1,707	4,583	7,624	9,441	9,856	10,176	10,496	10,816	11,136	11,456
DC Debt Charges Recoveries	-1,359	-2,448	-6,653	-11,828	-15,639	-16,639	-17,364	-17,736	-18,230	-18,924	-19,664
Sub-total Debt Charges	6,178	6,203	10,236	14,250	16,794	18,709	20,068	19,983	19,898	19,810	19,723
Reserve Transfers	4,979	-1,791	7,341	10,899	262	2,880	6,943	2,283	16,423	7,975	-9,451
Sub-Total Capital & Reserve Impacts on Operating	54,714	58,262	61,836	65,974	69,960	74,124	75,629	77,627	82,057	86,493	90,932
TOTAL EXPENDITURES	94,059	99,243	104,038	109,435	114,725	120,232	125,620	131,617	137,668	143,772	149,929
REVENUES											
Residential	40,234	42,353	44,808	47,570	50,209	53,057	55,779	58,815	61,895	65,020	68,189
Industrial/Commercial/Institutional/Multi-res	45,927	48,273	50,361	52,734	55,108	57,482	59,856	62,515	65,175	67,834	70,494
Non-Metered	265	213	220	230	240	250	260	270	280	290	300
Hauler / 3rd Party Sales	810	810	834	859	885	911	939	967	996	1,026	1,057
Overstrength Agreements	1,845	2,200	2,266	2,334	2,404	2,476	2,550	2,627	2,706	2,787	2,871
Sewer Surcharge Agreements	3,835	4,200	4,326	4,456	4,589	4,727	4,869	5,015	5,165	5,320	5,480
Non-Rate Revenue	1,143	1,195	1,223	1,252	1,289	1,328	1,368	1,409	1,451	1,495	1,539
TOTAL REVENUES	94,059	99,243	104,038	109,435	114,725	120,232	125,620	131,617	137,668	143,772	149,929
NET EXPENDITURES											
	0	0	0	0	0	0	0	0	0	0	0
Rate Increase	4.7%	5.8%	5.4%	4.8%	5.2%	4.6%	4.7%	4.2%	4.5%	4.3%	4.2%
RESIDENTIAL BILL (200m³ p.a.)	\$ 290.65	\$ 307.50	\$ 324.00	\$ 339.70	\$ 357.40	\$ 373.90	\$ 391.60	\$ 408.10	\$ 426.60	\$ 445.10	\$ 463.60