

**CITY OF HAMILTON
2015 HAMILTON WATER OPERATING BUDGET
COMBINED WATER, WASTEWATER AND STORM**

	2014 RESTATED BUDGET \$	2014 PROJECTED ACTUAL \$	2015 REQUESTED BUDGET \$	CHANGE 2014 PROJECTED ACTUAL / 2014 RESTATED BUDGET \$	CHANGE 2014 PROJECTED ACTUAL / 2014 RESTATED BUDGET %	CHANGE 2015 REQUESTED / 2014 RESTATED BUDGET \$	CHANGE 2015 REQUESTED / 2014 RESTATED BUDGET %
OPERATING EXPENDITURES:							
Environmental Services							
Divisional Administration & Support	2,165,010	2,143,281	2,422,960	21,729	1.0%	257,950	11.9%
Woodward Upgrades	1,028,455	1,018,881	1,127,890	9,573	0.9%	99,436	9.7%
Customer Service & Community Outreach	1,374,370	1,346,043	1,465,980	28,327	2.1%	91,610	6.7%
Service Co-ordination	2,853,760	2,822,971	2,982,260	30,789	1.1%	128,500	4.5%
Engineering Systems & Data Collection	1,431,790	1,442,235	1,409,340	(10,445)	(0.7%)	(22,450)	(1.6%)
Compliance & Regulations	722,330	719,135	734,360	3,195	0.4%	12,030	1.7%
Laboratory Services	3,270,120	3,199,745	3,390,880	70,375	2.2%	120,760	3.7%
Environmental Monitoring & Enforcement	1,600,040	1,579,504	1,544,070	20,536	1.3%	(55,970)	(3.5%)
Water Distribution & Wastewater Collection	15,516,420	15,355,076	16,578,800	161,344	1.0%	1,062,380	6.8%
Plant Operations & Maintenance	34,179,405	34,013,538	35,477,580	165,867	0.5%	1,298,175	3.8%
Capital Delivery	1,680,384	1,561,578	1,594,620	118,806	7.1%	(85,764)	(5.1%)
Sustainable Initiatives	841,390	778,506	1,358,260	62,884	7.5%	516,870	61.4%
Infrastructure & Source Water Planning	1,829,480	1,927,220	2,050,640	(97,740)	(5.3%)	221,160	12.1%
Wastewater Abatement Program	460,000	550,000	585,000	(90,000)	(19.6%)	125,000	27.2%
Horizon Utilities Service Contract	4,457,000	4,422,302	4,607,000	34,698	0.8%	150,000	3.4%
Corporate & Departmental Support Services	5,470,655	5,602,721	5,762,400	(132,066)	(2.4%)	291,745	5.3%
Utilities Arrears Program	353,500	500,000	500,000	(146,500)	(41.4%)	146,500	41.4%
Hamilton Harbour Remedial Action Plan	210,000	210,000	335,000	-	0.0%	125,000	59.5%
Protective Plumbing Program (3P)	2,500,000	2,200,000	2,500,000	300,000	12.0%	-	0.0%
Financial Charges	291,990	280,990	274,990	11,000	3.8%	(17,000)	(5.8%)
Capital and Reserve Recoveries	(6,948,250)	(6,948,253)	(8,015,460)	3	(0.0%)	(1,067,210)	15.4%
Sub-Total Environmental Services	75,287,849	74,725,474	78,686,570	562,374	0.7%	3,398,722	4.5%
Capital and Reserve Impacts on Operating							
Contributions to Capital							
Water Quality Initiatives	38,676,000	38,676,000	39,430,000	-	0.0%	754,000	1.9%
Wastewater	36,462,000	36,462,000	28,178,000	-	0.0%	(8,284,000)	(22.7%)
Stormwater	10,867,000	10,867,000	12,429,000	-	0.0%	1,562,000	14.4%
Sub-Total Contributions to Capital	86,005,000	86,005,000	80,037,000	-	0.0%	(5,968,000)	(6.9%)
Contributions for DC Exemptions							
Water Quality Initiatives	3,050,000	3,050,000	2,950,000	-	0.0%	(100,000)	(3.3%)
Wastewater	4,150,000	4,150,000	4,040,000	-	0.0%	(110,000)	(2.7%)
Stormwater	800,000	800,000	760,000	-	0.0%	(40,000)	(5.0%)
Sub-Total Contributions for DC Exemptions	8,000,000	8,000,000	7,750,000	-	0.0%	(250,000)	(3.1%)

**CITY OF HAMILTON
2015 HAMILTON WATER OPERATING BUDGET
COMBINED WATER, WASTEWATER AND STORM**

	2014 RESTATE D BUDGET	2014 PROJECTED ACTUAL	2015 REQUESTED BUDGET	CHANGE 2014 PROJECTED ACTUAL / 2014 RESTATE D BUDGET	2014 RESTATE D BUDGET	CHANGE 2015 REQUESTED / 2014 RESTATE D BUDGET
	\$	\$	\$	\$	\$	\$
				%		%
Capital Debt Charges						
Water Quality Initiatives	5,243,312	3,890,486	7,021,360	1,352,826	1,778,048	33.9%
Wastewater	4,830,070	3,214,524	5,503,810	1,615,546	673,740	13.9%
Stormwater	1,967,114	185,613	2,032,750	1,781,501	65,636	3.3%
DC Debt Charges Recoveries	(2,621,381)	(116,726)	(2,237,590)	(2,504,655)	383,791	(14.6%)
Sub-Total Debt Charges	9,419,115	7,173,897	12,320,330	2,245,218	2,901,215	30.8%
Sub-Total Capital Financing	103,424,115	101,178,897	100,107,330	2,245,218	(3,316,785)	(3.2%)
Reserve Transfers	131,405	(1,115,242)	4,960,860	1,246,647	4,829,456	3675.3%
Sub-Total Capital and Reserve Impacts on Operating	103,555,520	100,063,655	105,068,190	3,491,865	1,512,671	1.5%
TOTAL EXPENDITURES	178,843,370	174,789,129	183,754,760	4,054,241	4,911,390	2.7%
REVENUES:						
Rate Revenue						
Residential	79,429,790	76,083,688	79,608,230	(3,346,102)	178,440	0.2%
Industrial/Commercial/Institutional/Multi-res	86,287,780	85,808,846	90,535,360	(478,934)	4,247,580	4.9%
Haldimand	2,224,799	2,236,488	2,264,240	11,689	39,441	1.8%
Halton	233,841	199,337	209,860	(34,504)	(23,981)	(10.3%)
Non-Metered	600,000	557,404	575,000	(42,596)	(25,000)	(4.2%)
Private Fire Lines	600,000	800,000	875,000	200,000	275,000	45.8%
Hauler / 3rd Party Sales	1,390,550	1,446,694	1,489,910	56,144	99,360	7.1%
Overslength Agreements	1,625,000	1,517,100	1,844,610	(107,900)	219,610	13.5%
Sewer Surcharge Agreements	3,927,000	3,711,610	3,835,100	(215,390)	(91,900)	(2.3%)
Sub-Total Utility Rates	176,318,759	172,361,167	181,237,310	(3,957,593)	4,918,550	2.8%
Non-Rate Revenue						
Local Improvement Recoveries	271,010	397,040	275,850	126,030	4,840	1.8%
Permits / Leases / Agreements	1,372,500	1,308,525	1,308,290	(63,975)	(64,210)	(4.7%)
General Fees and Recoveries	881,100	722,397	933,310	(158,703)	52,210	5.9%
Sub-Total Non-Rate Revenue	2,524,610	2,427,962	2,517,450	(96,648)	(7,160)	(.3%)
TOTAL REVENUES	178,843,370	174,789,129	183,754,759	(4,054,241)	4,911,389	2.7%
NET EXPENDITURES	-	-	1	-	1	-

**CITY OF HAMILTON
2015 - 2017 WATER, WASTEWATER AND STORM OPERATING BUDGET
COMBINED WATER, WASTEWATER AND STORM**

	2014 RESTATED BUDGET \$	2015 REQUESTED BUDGET \$	2016 PROJECTED BUDGET \$	2017 PROJECTED BUDGET \$	2014 RESTATED BUDGET / 2015 REQUESTED BUDGET %	2015 REQUESTED BUDGET / 2016 PROJECTED BUDGET %	2016 PROJECTED BUDGET / 2017 PROJECTED BUDGET %	CHANGE 2017 PROJECTED BUDGET \$	CHANGE 2016 PROJECTED BUDGET \$
OPERATING EXPENDITURES:									
Environmental Services									
Environmental Administration & Support	2,165,010	2,164,960	2,455,434	2,529,097	(0.0%)	(50)	290,474	73,663	3.0%
Woodward Upgrades	1,028,455	1,127,890	1,161,727	1,196,579	9.7%	99,436	33,837	34,852	3.0%
Customer Service & Community Outreach	1,374,370	1,465,980	1,509,956	1,555,255	6.7%	91,610	43,976	45,299	3.0%
Service Co-ordination	2,853,760	2,982,260	3,007,491	3,097,716	4.5%	128,500	25,231	90,225	3.0%
Engineering Systems & Data Collection	1,431,790	1,409,340	1,474,873	1,519,120	(1.6%)	(22,450)	65,533	44,246	3.0%
Compliance & Regulations	722,330	734,360	756,395	779,087	1.7%	12,030	22,035	22,692	3.0%
Laboratory Services	3,270,120	3,341,880	3,491,819	3,596,574	2.2%	71,760	149,939	104,755	3.0%
Environmental Monitoring & Enforcement	1,600,040	1,544,070	1,588,599	1,636,257	(3.5%)	(55,970)	44,529	47,658	3.0%
Water Distribution & Wastewater Collection	15,516,420	16,562,780	17,045,486	17,556,851	6.7%	1,046,360	482,706	511,365	3.0%
Plant Operations & Maintenance	34,179,405	35,372,580	36,541,901	37,638,158	3.5%	1,193,175	1,169,321	1,096,257	3.0%
Capital Delivery	1,680,384	1,594,620	1,642,459	1,691,732	(5.1%)	(86,764)	47,839	49,274	3.0%
Sustainable Initiatives	841,390	1,358,260	1,399,008	1,440,978	0.0%	516,870	40,748	41,970	3.0%
Infrastructure & Source Water Planning	1,829,480	2,050,640	2,045,375	2,106,736	12.1%	221,160	(5,265)	61,361	3.0%
Wastewater Abatement Program	460,000	585,000	602,550	620,627	27.2%	125,000	17,550	18,077	3.0%
Horizon Utilities Service Contract	4,457,000	4,607,000	4,745,210	4,887,566	3.4%	138,210	138,210	142,356	3.0%
Corporate & Departmental Support Services	5,470,655	5,762,400	5,935,272	6,113,330	5.3%	291,745	172,872	178,058	3.0%
Utilities Arrears Program	353,500	500,000	500,000	500,000	41.4%	146,500	-	-	0.0%
Hamilton Harbour Remedial Action Plan	210,000	335,000	345,050	355,402	59.5%	125,000	10,050	10,352	3.0%
Protective Plumbing Program (3P)	2,500,000	2,500,000	2,575,000	2,652,250	0.0%	-	75,000	77,250	3.0%
Financial Charges	1,291,990	274,990	283,240	291,737	(5.8%)	8,250	8,250	8,497	3.0%
Capital and Reserve Recoveries	(6,948,250)	(8,015,460)	(8,255,924)	(8,503,602)	15.4%	(1,067,210)	(240,464)	(247,678)	3.0%
Sub-Total Environmental Services	75,287,849	78,258,550	80,850,921	83,261,449	3.9%	2,970,702	2,592,371	2,410,528	3.0%
Capital and Reserve Impacts on Operating									
Contributions to Capital									
Water Quality Initiatives	38,676,000	39,430,000	47,378,000	33,558,000	1.9%	754,000	7,948,000	(13,820,000)	(29.2%)
Wastewater	36,462,000	28,178,000	27,510,000	40,760,000	(22.7%)	(8,284,000)	(668,000)	13,250,000	48.2%
Stormwater	10,867,000	12,429,000	7,319,000	6,425,000	14.4%	1,562,000	(5,110,000)	(894,000)	(12.2%)
Sub-Total Contributions to Capital	86,005,000	80,037,000	82,207,000	80,743,000	(6.9%)	(5,968,000)	2,170,000	(1,464,000)	(1.8%)
Contributions for DC Exemptions									
Water Quality Initiatives	3,050,000	2,950,000	2,900,000	2,800,000	(3.3%)	(100,000)	(50,000)	(100,000)	(3.4%)
Wastewater	4,150,000	4,040,000	3,990,000	3,870,000	(2.7%)	(110,000)	(50,000)	(120,000)	(3.0%)
Stormwater	800,000	760,000	750,000	730,000	(5.0%)	(40,000)	(10,000)	(20,000)	(2.7%)
Sub-Total Contributions for DC Exemptions	8,000,000	7,750,000	7,640,000	7,400,000	(3.1%)	(250,000)	(110,000)	(240,000)	(3.1%)
Debt Charges									
Water Quality Initiatives	5,243,312	7,021,360	12,133,936	18,225,903	33.9%	1,778,048	5,112,576	6,091,967	50.2%
Wastewater	4,830,070	5,503,810	9,048,852	14,454,767	13.9%	673,740	3,545,042	5,405,915	59.7%
Stormwater	1,967,114	2,032,750	5,548,826	8,737,000	3.3%	65,636	3,516,076	3,188,173	57.5%
DC Debt Charges Recoveries	(2,621,381)	(2,237,590)	(7,710,669)	(15,230,365)	(14.6%)	383,791	(5,473,079)	(7,519,697)	(91.5%)
Sub-Total Debt Charges	9,419,115	12,320,330	19,020,945	26,187,304	30.8%	2,901,215	6,700,615	7,166,359	37.7%
Sub-Total Capital Financing	103,424,115	100,107,330	108,867,945	114,330,304	(3.2%)	(3,316,785)	8,760,615	5,462,359	5.0%
Reserve Transfers	131,405	5,388,880	2,552,172	3,188,369	4001.0%	5,257,476	(2,826,708)	626,197	24.4%
Sub-Total Capital and Reserve Impacts on Operating	103,555,520	105,496,210	111,430,117	117,518,674	1.9%	1,940,691	5,933,907	6,088,556	5.5%
TOTAL EXPENDITURES	178,843,370	183,754,760	192,281,039	200,780,123	2.7%	4,911,390	8,526,279	8,495,084	4.4%

CITY OF HAMILTON
2015 - 2017 WATER, WASTEWATER AND STORM OPERATING BUDGET
COMBINED WATER, WASTEWATER AND STORM

	2014 RESTATED BUDGET	2015 REQUESTED BUDGET	2016 PROJECTED BUDGET	2017 PROJECTED BUDGET	CHANGE 2014 RESTATED BUDGET / 2015 REQUESTED BUDGET	CHANGE 2015 REQUESTED BUDGET / 2016 REQUESTED BUDGET	CHANGE 2016 REQUESTED BUDGET / 2017 PROJECTED BUDGET
	\$	\$	\$	\$	\$	\$	\$
					%	%	%
REVENUES:							
Rate Revenue							
Residential	79,429,790	79,608,230	83,646,550	88,038,333	178,440	4,038,320	4,391,783
Industrial/Commercial/Institutional/Multi-res	86,287,780	90,535,360	94,676,750	98,432,141	4,247,580	4,141,390	3,755,391
Haldimand	2,224,799	2,264,240	2,268,618	2,289,348	39,441	4,378	730
Halton	233,841	209,860	218,465	226,800	(23,981)	8,605	8,336
Non-Metered	600,000	575,000	600,000	625,000	(25,000)	25,000	25,000
Private Fire Lines	600,000	875,000	901,250	928,288	275,000	26,250	27,038
Hauler / 3rd Party Sales	1,390,550	1,489,910	1,534,607	1,580,646	99,360	44,697	46,038
Overstrength Agreements	1,625,000	1,844,610	1,899,948	1,956,947	219,610	55,338	56,998
Sewer Surcharge Agreements	3,927,000	3,835,100	3,950,153	4,068,658	(91,900)	115,053	118,505
Sub-Total Utility Rates	176,318,760	181,237,310	189,696,341	198,126,159	4,918,550	8,459,031	8,429,818
					2.8%	4.7%	4.4%
Non-Rate Revenue							
Local Improvement Recoveries	271,010	275,850	275,850	275,850	4,840	-	-
Permits/Leases/Agreements	1,372,500	1,308,290	1,347,539	1,387,965	(64,210)	39,249	40,426
General Fees and Recoveries	881,100	933,310	961,309	990,149	52,210	27,999	28,839
Sub-Total Non-Rate Revenue	2,524,610	2,517,450	2,584,698	2,653,963	(7,160)	67,248	69,265
					(0.3%)	2.7%	2.7%
TOTAL REVENUES	178,843,370	183,754,759	192,281,039	200,780,123	4,911,389	8,526,280	8,499,084
					2.7%	4.6%	4.4%
NET EXPENDITURES	-	1	-	-	1	(1)	0
					-	-	-

CITY OF HAMILTON
2015-2024 WATER, WASTEWATER & STORM OPERATING BUDGET
COMBINED WATER, WASTEWATER AND STORM
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	2014 Restated	2015 Requested	2016 Forecast	2017 Forecast	2018 Forecast	2019 Forecast	2020 Forecast	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast
OPERATING EXPENDITURES											
OPERATING COSTS	71,788	75,287	77,401	79,761	82,209	84,732	87,332	90,086	93,000	96,003	99,097
BIO-SOLIDS	3,500	3,400	3,450	3,500	3,550	3,600	3,650	3,700	3,750	3,800	3,850
TERTIARY TREATMENT							2,500	5,000	5,000	5,000	5,000
TOTAL OPERATING COSTS	75,288	78,687	80,851	83,261	85,759	88,332	93,482	98,786	101,750	104,803	107,947
CAPITAL & RESERVE IMPACTS ON OPERATING											
Contributions to Capital											
Water	38,676	39,430	47,378	33,558	24,959	39,917	44,410	39,620	39,330	39,450	39,050
Wastewater	36,462	28,178	27,510	40,760	53,371	41,553	35,490	41,100	57,800	66,840	75,079
Stormwater	10,867	12,429	7,319	6,425	4,585	5,915	11,255	15,585	7,255	6,195	6,245
Sub-total Contributions to Capital	86,005	80,037	82,207	80,743	82,915	87,385	91,155	96,305	104,385	112,485	120,374
Contributions for DC Exemptions											
Water	3,050	2,950	2,900	2,800	2,750	2,700	2,650	2,600	2,550	2,500	2,500
Wastewater	4,150	4,040	3,990	3,870	3,800	3,725	3,650	3,600	3,525	3,450	3,450
Stormwater	1,800	760	750	730	720	710	700	690	680	670	670
Sub-total Contributions to Capital	8,000	7,750	7,640	7,400	7,270	7,135	7,000	6,890	6,755	6,620	6,620
Debt Charges											
Water	5,243	7,021	12,134	18,226	21,800	23,366	24,733	25,149	25,280	25,272	25,393
Wastewater	4,830	5,504	9,049	14,455	19,408	22,103	23,162	23,142	23,276	23,564	23,849
Stormwater	1,967	2,033	5,549	8,737	10,622	11,310	11,969	12,390	12,811	13,233	13,654
DC Debt Charges Recoveries	-2,621	-2,238	-7,711	-15,230	-20,709	-23,229	-24,984	-25,993	-26,870	-27,761	-28,783
Sub-total Debt Charges	9,419	12,320	19,021	26,187	31,120	33,550	34,880	34,688	34,496	34,308	34,113
107.91%	130.80%	154.39%	137.68%	118.84%	107.81%	103.97%	99.45%	99.45%	99.45%	99.45%	99.43%
Reserve Transfers	131	4,961	2,562	3,188	3,251	3,351	3,441	3,577	3,625	3,833	3,932
Sub-Total Capital & Reserve Impacts on Operating	103,556	105,068	111,430	117,519	124,556	131,421	136,477	141,461	149,261	157,246	165,040
TOTAL EXPENDITURES	178,843	183,755	192,281	200,780	210,315	219,753	229,959	240,247	251,011	262,049	272,986
REVENUES											
Residential	79,430	79,608	83,647	88,038	92,873	97,614	102,700	107,863	113,200	118,791	124,278
Industrial/Commercial/Institutional/Multi-res	86,288	90,535	94,677	98,432	102,762	107,098	111,722	116,353	121,263	126,180	131,090
Haildimand	2,225	2,264	2,269	2,269	2,270	2,250	2,355	2,447	2,551	2,655	2,759
Haillon	234	210	218	227	236	245	256	267	277	288	299
Non-Metered	600	575	600	625	650	675	700	725	750	775	800
Private Fire Lines	600	875	928	985	1,014	1,045	1,076	1,108	1,142	1,179	1,217
Hauler / 3rd Party Sales	1,391	1,490	1,535	1,581	1,628	1,677	1,727	1,779	1,832	1,887	1,944
Overstrength Agreements	1,625	1,845	1,900	1,957	2,016	2,076	2,138	2,203	2,269	2,337	2,407
Sewer Surcharge Agreements	3,927	3,835	3,950	4,069	4,191	4,316	4,446	4,579	4,717	4,858	5,004
Non-Rate Revenue	2,525	2,517	2,585	2,654	2,734	2,816	2,900	2,987	3,077	3,169	3,264
TOTAL REVENUES	178,843	183,755	192,281	200,780	210,315	219,753	229,959	240,247	251,011	262,049	272,986
NET EXPENDITURES											
Rate Increase	4.0%	4.2%	4.1%	4.3%	4.6%	4.2%	4.3%	4.1%	4.1%	4.0%	3.7%
RESIDENTIAL BILL (200m³ p.a.)	\$ 577.70	\$ 601.80	\$ 626.70	\$ 653.65	\$ 683.40	\$ 711.95	\$ 742.50	\$ 773.05	\$ 804.40	\$ 836.95	\$ 868.30