

**CITY OF HAMILTON
2016 HAMILTON WATER OPERATING BUDGET
WATER**

	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 \$	CHANGE 2016 REQUESTED / 2015 RESTATED BUDGET %
OPERATING EXPENDITURES:								
Environmental Services								
Division Administration & Support	1,099,950	1,175,510	1,139,080		1,139,080	(6.9%)	39,130	3.6%
Customer Service & Community Outreach	733,450	572,250	726,900		726,900	22.0%	(6,550)	(0.9%)
Service Co-ordination	1,554,770	1,428,000	1,566,320		1,566,320	8.2%	11,550	0.7%
Engineering Systems & Data Collection	696,920	642,550	708,150		708,150	7.8%	11,230	1.6%
Compliance & Regulations	367,190	371,120	380,670		380,670	(1.1%)	13,480	3.7%
Laboratory Services	965,810	1,004,660	990,550		990,550	(4.0%)	24,740	2.6%
Water Distribution & Wastewater Collection	13,881,080	12,877,430	14,483,240	7,660	14,490,900	7.2%	609,820	4.4%
Plant Operations & Maintenance	17,352,620	17,721,220	18,701,760	48,780	18,750,540	(2.1%)	1,397,920	8.1%
Capital Delivery	873,610	881,050	887,150	9,100	896,250	(0.9%)	22,640	2.6%
Sustainable Initiatives	1,018,690	876,290	878,800		878,800	14.0%	(139,890)	(13.7%)
Infrastructure Planning & System Design	631,780	687,220	657,130	129,440	786,570	0.0%	500	0.0%
Horizon Utilities Service Contract	2,303,500	2,303,500	2,304,000		2,304,000	2.6%	(37,550)	(1.3%)
Corporate & Departmental Support Services	2,807,980	2,735,590	2,770,430		2,770,430	0.0%	-	0.0%
Utilities Arrears Program	250,000	250,000	250,000		250,000	0.0%	-	0.0%
Financial Charges	23,770	23,770	23,770		23,770	0.0%	-	0.0%
Capital and Reserve Recoveries	(3,128,920)	(3,048,330)	(3,040,070)	(138,540)	(3,178,610)	2.6%	(49,690)	1.6%
Sub-Total Environmental Services	41,432,200	40,501,830	43,427,880	56,440	43,484,320	2.2%	2,052,120	5.0%
Capital and Reserve Impacts on Operating								
Contributions to Capital								
Water Quality Initiatives	39,230,000	39,230,000	38,697,000		38,697,000	0.0%	(533,000)	(1.4%)
Sub-Total Contributions to Capital	39,230,000	39,230,000	38,697,000	-	38,697,000	0.0%	(533,000)	(1.4%)
Contributions for DC Exemptions								
Water Quality Initiatives	2,950,000	2,950,000	2,900,000		2,900,000	0.0%	(50,000)	(1.7%)
Sub-Total Contributions for DC Exemptions	2,950,000	2,950,000	2,900,000	-	2,900,000	0.0%	(50,000)	(1.7%)
Debt Charges								
Water Quality Initiatives	7,021,360	4,820,000	7,399,742		7,399,742	31.4%	378,382	5.4%
DC Debt Charges Recoveries	(878,970)	25,000	(1,418,585)		(1,418,585)	102.8%	(539,615)	61.4%
Sub-Total Debt Charges	6,142,390	4,845,000	5,981,157	-	5,981,157	21.1%	(161,233)	(2.6%)
Sub-Total Capital Financing	48,322,390	47,025,000	47,578,157	-	47,578,157	2.7%	(744,233)	(1.5%)
Reserve Transfers	(58,990)	1,267,600	2,096,563	(56,440)	2,040,123	2248.8%	2,099,113	(3558.4%)
Sub-Total Capital and Reserve Impacts on Operating	48,263,400	48,292,600	49,674,720	(56,440)	49,618,280	(0.1%)	1,354,880	2.8%
TOTAL EXPENDITURES	89,695,600	88,794,430	93,102,600	-	93,102,600	1.0%	3,407,000	3.8%

CITY OF HAMILTON
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 WATER

	2015 RESTATED BUDGET	2015 PROJECTED ACTUAL	2016 MAINTENANCE BUDGET	2016 PROGRAM CHANGE	2016 REQUESTED BUDGET	CHANGE 2015 PROJECTED ACTUAL / 2015 RESTATED BUDGET	2016 REQUESTED BUDGET	CHANGE 2015 PROJECTED ACTUAL / 2015 RESTATED BUDGET	CHANGE 2016 REQUESTED / 2015 RESTATED BUDGET
	\$	\$	\$	\$	\$	%	\$	%	\$
REVENUES:									
Rate Revenue									
Residential	39,373,830	39,096,210	40,940,730	-	40,940,730	(0.7%)	(277,620)	(0.7%)	1,566,900
Industrial/Commercial/Institutional/Multi-res	44,608,260	44,568,160	46,527,520	-	46,527,520	(0.1%)	(40,100)	(0.1%)	1,919,260
Haldimand	2,264,240	2,206,100	2,206,690	-	2,206,690	(2.6%)	(58,140)	(2.6%)	(57,550)
Halton	209,860	209,860	219,150	-	219,150	0.0%	-	0.0%	9,290
Non-Metered	310,000	310,000	212,500	-	212,500	0.0%	-	0.0%	(97,500)
Private Fire Lines	875,000	903,000	950,000	-	950,000	3.2%	28,000	3.2%	75,000
Hauler / 3rd Party Sales	680,120	631,910	665,120	-	665,120	(7.1%)	(48,210)	(7.1%)	(15,000)
Sub-Total Utility Rates	88,321,310	87,925,240	91,721,710	-	91,721,710	(0.4%)	(396,070)	(0.4%)	3,400,400
Non-Rate Revenue									
Local Improvement Recoveries	10,000	13,010	10,000	-	10,000	30.1%	3,010	30.1%	-
Permits / Leases / Agreements	876,880	656,410	873,150	-	873,150	(25.1%)	(220,470)	(25.1%)	(3,730)
General Fees and Recoveries	487,410	515,110	497,740	-	497,740	5.7%	27,700	5.7%	10,330
Sub-Total Non-Rate Revenue	1,374,290	1,184,530	1,380,890	-	1,380,890	(13.8%)	(189,760)	(13.8%)	6,600
TOTAL REVENUES	89,695,600	89,109,770	93,102,600	-	93,102,600	(0.7%)	(585,830)	(0.7%)	3,407,000
NET EXPENDITURES	-	(315,340)	-	-	-	-	315,340	-	-

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

	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 %
OPERATING EXPENDITURES:							
Environmental Services							
Divisional Administration & Support	1,099,950	1,139,080	1,173,252	1,208,450	3.6%	3.0%	3.0%
Customer Service & Community Outreach	733,450	726,900	748,707	771,168	(0.9%)	3.0%	3.0%
Service Co-ordination	1,554,770	1,566,320	1,613,310	1,661,709	0.7%	3.0%	3.0%
Engineering Systems & Data Collection	696,920	708,150	729,395	751,276	1.6%	3.0%	3.0%
Compliance & Regulations	367,190	380,670	392,090	403,853	3.7%	3.0%	3.0%
Laboratory Services	965,810	990,550	1,020,267	1,050,874	2.6%	3.0%	3.0%
Water Distribution & Wastewater Collection	13,881,080	14,490,900	14,925,627	15,373,396	4.4%	3.0%	3.0%
Plant Operations & Maintenance	17,352,620	18,750,540	19,313,056	19,892,448	8.1%	3.0%	3.0%
Capital Delivery	873,610	896,250	923,138	950,832	2.6%	3.0%	3.0%
Sustainable Initiatives	1,018,690	878,800	905,164	932,319	(13.7%)	3.0%	3.0%
Infrastructure & Source Water Planning	631,780	786,570	810,167	834,472	24.5%	3.0%	3.0%
Horizon Utilities Service Contract	2,303,500	2,304,000	2,373,120	2,444,314	0.0%	3.0%	3.0%
Corporate & Departmental Support Services	2,807,980	2,770,430	2,853,543	2,939,149	(1.3%)	3.0%	3.0%
Utilities Arrears Program	250,000	250,000	250,000	250,000	0.0%	0.0%	0.0%
Financial Charges	23,770	23,770	24,483	25,218	0.0%	3.0%	3.0%
Capital and Reserve Recoveries	(3,128,920)	(3,178,610)	(3,273,968)	(3,372,187)	1.6%	3.0%	3.0%
Sub-Total Environmental Services	41,432,200	43,484,320	44,781,350	46,117,290	5.0%	3.0%	3.0%
Capital and Reserve Impacts on Operating							
Contributions to Capital							
Water Quality Initiatives	39,230,000	38,697,000	47,284,000	49,949,000	(1.4%)	22.2%	5.6%
Sub-Total Contributions to Capital	39,230,000	38,697,000	47,284,000	49,949,000	(1.4%)	22.2%	5.6%
Contributions for DC Exemptions							
Water Quality Initiatives	2,950,000	2,900,000	2,800,000	2,750,000	(1.7%)	(3.4%)	(1.8%)
Sub-Total Contributions for DC Exemptions	2,950,000	2,900,000	2,800,000	2,750,000	(1.7%)	(3.4%)	(1.8%)
Debt Charges							
Water Quality Initiatives	7,021,360	7,399,742	13,477,461	19,868,251	5.4%	82.1%	47.4%
DC Debt Charges Recoveries	(878,970)	(1,418,585)	(4,584,609)	(7,520,378)	61.4%	223.2%	64.0%
Sub-Total Debt Charges	6,142,390	5,981,157	8,892,852	12,347,873	(2.6%)	48.7%	38.9%
Sub-Total Capital Financing	48,322,390	47,578,157	58,976,852	65,046,873	(1.5%)	24.0%	10.3%
Reserve Transfers	(58,990)	2,040,123	(7,012,734)	(10,344,541)	(3558.4%)	(443.7%)	47.5%
Sub-Total Capital and Reserve Impacts on Operating	48,263,400	49,618,280	51,964,118	54,702,332	2.8%	4.7%	5.3%
TOTAL EXPENDITURES	89,695,600	93,102,600	96,745,468	100,819,622	3.8%	3.9%	4.2%

	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 %
	39,130	34,172	35,198	3.6%	3.0%	3.0%
	(6,550)	21,807	22,461	(0.9%)	3.0%	3.0%
	11,550	46,990	48,399	0.7%	3.0%	3.0%
	11,230	21,245	21,882	1.6%	3.0%	3.0%
	13,480	11,420	11,763	3.7%	3.0%	3.0%
	24,740	29,717	30,608	2.6%	3.0%	3.0%
	609,820	434,727	447,769	4.4%	3.0%	3.0%
	1,397,920	562,516	579,392	8.1%	3.0%	3.0%
	22,640	26,888	27,694	2.6%	3.0%	3.0%
	(139,890)	26,364	27,155	(13.7%)	3.0%	3.0%
	154,790	23,597	24,305	24.5%	3.0%	3.0%
	500	69,120	71,194	0.0%	3.0%	3.0%
	(37,550)	83,113	85,606	(1.3%)	3.0%	3.0%
	-	-	-	0.0%	0.0%	0.0%
	-	713	734	0.0%	3.0%	3.0%
	(49,690)	(95,358)	(98,219)	1.6%	3.0%	3.0%
	2,052,120	1,297,030	1,335,940	5.0%	3.0%	3.0%
	(533,000)	8,587,000	2,665,000	(1.4%)	22.2%	5.6%
	(533,000)	8,587,000	2,665,000	(1.4%)	22.2%	5.6%
	(50,000)	(100,000)	(50,000)	(1.7%)	(3.4%)	(1.8%)
	(50,000)	(100,000)	(50,000)	(1.7%)	(3.4%)	(1.8%)
	378,382	6,077,720	6,390,790	5.4%	82.1%	47.4%
	(539,615)	(3,166,025)	(2,935,769)	61.4%	223.2%	64.0%
	(161,233)	2,911,695	3,455,021	(2.6%)	48.7%	38.9%
	(744,233)	11,398,695	6,070,021	(1.5%)	24.0%	10.3%
	2,099,113	(9,052,857)	(3,331,807)	(3558.4%)	(443.7%)	47.5%
	1,354,880	2,345,838	2,738,214	2.8%	4.7%	5.3%
	3,407,000	3,642,868	4,074,154	3.8%	3.9%	4.2%

CITY OF HAMILTON
 2016-2025 WATER, WASTEWATER & STORM OPERATING BUDGET
 WATER

	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	41,432	43,484	44,781	46,117	47,501	48,926	50,394	51,905	53,463	55,066	56,718
TOTAL OPERATING COSTS	41,432	43,484	44,781	46,117	47,501	48,926	50,394	51,905	53,463	55,066	56,718
CAPITAL & RESERVE IMPACTS ON OPERATING											
Contributions to Capital	39,230	38,697	47,284	49,949	39,917	44,970	50,647	49,129	66,769	61,586	47,649
<i>Water</i>											
<i>Sub-total Contributions to Capital</i>	39,230	38,697	47,284	49,949	39,917	44,970	50,647	49,129	66,769	61,586	47,649
Contributions for DC Exemptions	2,950	2,900	2,800	2,750	2,700	2,650	2,600	2,550	2,500	2,500	2,500
<i>Water</i>											
<i>Sub-total Contributions to Capital</i>	2,950	2,900	2,800	2,750	2,700	2,650	2,600	2,550	2,500	2,500	2,500
Debt Charges	7,021	7,400	13,477	19,868	24,082	26,129	27,254	27,595	27,750	28,135	28,956
<i>Water</i>											
<i>DC Debt Charges Recoveries</i>	-879	-1,419	-4,585	-7,520	-9,303	-10,456	-11,395	-11,843	-12,101	-12,594	-13,522
<i>Sub-total Debt Charges</i>	6,142	5,981	8,893	12,348	14,778	15,673	15,859	15,753	15,649	15,542	15,434
Reserve Transfers	-59	2,040	-7,013	-10,345	30	-2,661	-5,121	-267	-14,415	-5,977	11,785
Sub-Total Capital & Reserve Impacts on Operating	48,263	49,618	51,964	54,702	57,426	60,632	63,984	67,165	70,502	73,651	77,368
TOTAL EXPENDITURES	89,696	93,103	96,745	100,820	104,926	109,558	114,378	119,070	123,965	128,718	134,087
REVENUES											
Residential	39,374	40,941	42,814	44,816	46,845	49,003	51,361	53,572	55,989	58,255	60,833
Industrial/Commercial/Institutional/Multi-res	44,608	46,528	48,186	50,146	52,099	54,352	56,600	58,853	61,100	63,354	65,895
Haldimand	2,264	2,207	2,212	2,213	2,223	2,325	2,417	2,520	2,622	2,725	2,839
Halton	210	219	227	237	246	256	268	278	289	299	311
Non-Metered	310	213	220	230	240	250	260	270	280	290	300
Private Fire Lines	875	950	979	1,008	1,038	1,069	1,101	1,134	1,168	1,203	1,240
Hauler / 3rd Party Sales	680	665	685	706	727	749	771	794	818	843	868
Non-Rate Revenue	1,374	1,381	1,422	1,464	1,508	1,554	1,600	1,648	1,698	1,749	1,801
TOTAL REVENUES	89,696	93,103	96,745	100,820	104,926	109,558	114,378	119,070	123,965	128,718	134,087
NET EXPENDITURES											
Rate Increase	3.3%	2.5%	4.1%	3.7%	3.8%	3.7%	3.8%	4.0%	3.5%	3.7%	3.2%
RESIDENTIAL BILL (200m³ p.a.)	\$ 287.05	\$ 294.30	\$ 306.35	\$ 317.60	\$ 329.65	\$ 341.70	\$ 354.55	\$ 368.60	\$ 381.45	\$ 395.50	\$ 408.35