

CITY OF HAMILTON
2017 HAMILTON WATER OPERATING BUDGET
WATER

	2016 RESTATE D BUDGET	2016 PROJECTED ACTUAL	2017 MAINTENANCE BUDGET	2017 PROGRAM CHANGE	2017 REQUESTED BUDGET	2016 PROJECTED ACTUAL / 2016 RESTATE D BUDGET	CHANGE	2016 RESTATE D BUDGET	CHANGE
	\$	\$	\$	\$	\$	%	\$	%	\$
OPERATING EXPENDITURES:									
Environmental Services									
Divisional Administration & Support	938,420	926,584	950,916		950,916	1.3%	12,496	1.3%	12,496
Customer Service & Community Outreach	740,920	707,170	290,560		290,560	4.6%	(450,360)	(60.8%)	(450,360)
Outreach & Education			688,890		688,890	0.0%	688,890	0.0%	688,890
Service Co-ordination	1,602,493	1,571,792	1,654,189		1,654,189	1.9%	30,701	1.9%	51,696
Engineering Systems & Data Collection	726,115	696,015	937,545		937,545	4.1%	30,100	4.1%	211,430
Compliance & Regulations	389,190	385,285	389,500		389,500	1.0%	3,905	1.0%	310
Laboratory Services	1,027,983	1,005,475	1,190,268		1,190,268	2.2%	22,508	2.2%	162,284
Water Distribution & Wastewater Collection	14,606,088	13,654,166	14,806,063	68,953	14,875,016	6.5%	951,922	6.5%	288,928
Plant Operations & Maintenance	18,674,043	18,534,898	20,666,696	185,839	20,852,535	0.7%	139,145	0.7%	2,178,491
Capital Delivery	914,562	853,956	937,936		937,936	6.6%	60,606	6.6%	23,374
Sustainable Initiatives	898,013	947,363	1,024,885	50,337	1,075,222	(5.5%)	(49,350)	(5.5%)	177,210
Infrastructure Planning & System Design	775,705	677,296	800,212		800,212	12.7%	98,409	12.7%	24,508
Horizon Utilities Service Contract	2,304,115	2,304,000	2,412,500		2,412,500	0.0%	115	0.0%	108,385
Corporate & Departmental Support Services	2,621,790	2,621,790	2,718,785		2,718,785	0.0%	-	0.0%	96,995
Utilities Arrears Program	250,020	250,020	250,000		250,000	0.0%	-	0.0%	(20)
Financial Charges	3,460	3,460	21,156		21,156	0.0%	-	0.0%	17,696
Capital and Reserve Recoveries	(3,253,882)	(3,253,882)	(3,432,896)		(3,432,896)	(0.0%)	0	(0.0%)	(179,014)
Sub-Total Environmental Services	\$ 43,219,036	\$ 41,885,389	46,307,206	305,129	46,612,335	3.1%	1,333,647	3.1%	3,393,299
Capital and Reserve Impacts on Operating									
Contributions to Capital									
Water Quality Initiatives	38,697,000	38,697,000	58,771,000		58,771,000	0.0%	-	0.0%	20,074,000
Sub-Total Contributions to Capital	38,697,000	38,697,000	58,771,000	-	58,771,000	0.0%	-	0.0%	20,074,000
Contributions for DC Exemptions									
Water Quality Initiatives	2,900,000	2,900,000	2,800,000		2,800,000	0.0%	-	0.0%	(100,000)
Sub-Total Contributions for DC Exemptions	2,900,000	2,900,000	2,800,000	-	2,800,000	0.0%	-	0.0%	(100,000)
Debt Charges									
Water Quality Initiatives	7,399,740	5,391,784	9,925,679		9,925,679	27.1%	2,007,956	27.1%	2,525,939
DC Debt Charges Recoveries	(1,394,001)	(24,584)	(1,791,927)		(1,791,927)	98.2%	(1,369,417)	98.2%	(397,926)
Sub-Total Debt Charges	6,005,739	5,367,200	8,133,753	-	8,133,753	10.6%	638,539	10.6%	2,128,014
Sub-Total Capital Financing	47,602,739	46,964,200	69,704,753	-	69,704,753	1.3%	638,539	1.3%	22,102,014
Reserve Transfers	2,242,675	4,669,823	(18,217,219)	(305,129)	(18,522,348)	(108.2%)	(2,427,148)	(108.2%)	(20,765,023)
Sub-Total Capital and Reserve Impacts on Operating	49,845,414	51,634,023	51,487,534	(305,129)	51,182,405	(3.6%)	(1,788,609)	(3.6%)	1,336,991
TOTAL EXPENDITURES	93,064,450	93,519,412	97,794,740	-	97,794,740	(0.5%)	(454,962)	(0.5%)	4,730,290
									5.1%

CITY OF HAMILTON
2017 HAMILTON WATER OPERATING BUDGET
WATER

REVENUES:

Rate Revenue

Residential
 Industrial/Commercial/Institutional/Multi-res
 Haldimand
 Halton
 Non-Metered
 Private Fire Lines
 Hauler / 3rd Party Sales
Sub-Total Utility Rates

2016 RESTATE D BUDGET	2016 PROJECTED ACTUAL	2017 MAINTENANCE BUDGET	2017 PROGRAM CHANGE	2017 REQUESTED BUDGET	2016 PROJECTED ACTUAL / 2016 RESTATE D BUDGET	CHANGE	2017 REQUESTED / 2016 RESTATE D BUDGET	CHANGE
\$	\$	\$	\$	\$	\$	%	\$	%
40,910,380	40,852,479	43,299,760	-	43,299,760	(57,901)	(0.1%)	2,389,380	5.8%
46,527,520	46,577,560	48,291,260	-	48,291,260	50,040	0.1%	1,763,740	3.8%
2,206,690	2,186,654	2,190,750	-	2,190,750	(20,036)	(0.9%)	(15,940)	(.7%)
219,150	219,150	228,170	-	228,170	-	0.0%	9,020	4.1%
212,500	259,000	220,000	-	220,000	46,500	21.9%	7,500	3.5%
950,000	995,519	1,100,000	-	1,100,000	45,519	4.8%	150,000	15.8%
811,210	812,240	960,850	-	960,850	1,030	0.1%	149,640	18.4%
91,837,450	91,902,602	96,290,790	-	96,290,790	65,152	0.1%	4,453,340	4.8%

Non-Rate Revenue

Local Improvement Recoveries
 Permits / Leases / Agreements
 General Fees and Recoveries

50,000	50,000	10,000	-	10,000	-	0.0%	(40,000)	(80.%)
732,000	1,026,010	1,007,450	-	1,007,450	294,010	40.2%	275,450	37.6%
445,000	540,800	486,500	-	486,500	95,800	21.5%	41,500	9.3%

Sub-Total Non-Rate Revenue

1,227,000	1,616,810	1,503,950	-	1,503,950	389,810	31.8%	276,950	22.6%
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TOTAL REVENUES

93,064,450	93,519,412	97,794,740	-	97,794,740	454,962	0.5%	4,730,290	5.1%
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NET EXPENDITURES

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

	2016 RESTATE BUDGET	2017 REQUESTED BUDGET	2018 PROJECTED BUDGET	2019 PROJECTED BUDGET	CHANGE 2016 RESTATE BUDGET	CHANGE 2017 REQUESTED BUDGET	CHANGE 2018 PROJECTED BUDGET	CHANGE 2019 PROJECTED BUDGET
	\$	\$	\$	\$	\$	\$	\$	\$
					%	%	%	%
OPERATING EXPENDITURES:								
Environmental Services								
Divisional Administration & Support	938,420	950,916	979,444	1,008,827	12,496	1.3%	28,527	29,383
Customer Service & Community Outreach	740,920	979,450	1,008,834	1,039,099	238,530	32.2%	29,384	30,265
Service Co-ordination	1,602,493	1,654,189	1,703,815	1,754,929	51,696	3.2%	49,626	51,114
Engineering Systems & Data Collection	726,115	937,545	965,672	994,642	211,430	29.1%	28,126	28,970
Compliance & Regulations	389,190	389,500	401,185	413,221	310	0.1%	11,685	12,036
Laboratory Services	1,027,983	1,190,268	1,225,976	1,262,755	162,284	15.8%	35,708	36,779
Water Distribution & Wastewater Collection	14,506,088	14,875,016	15,321,266	15,780,904	268,928	1.8%	446,250	459,638
Plant Operations & Maintenance	18,674,043	20,852,535	21,478,111	22,122,454	2,178,491	11.7%	625,576	644,343
Capital Delivery	914,562	937,936	966,074	995,056	23,374	2.6%	28,138	28,982
Sustainable Initiatives	898,013	1,075,222	1,107,479	1,140,703	177,210	19.7%	32,257	33,224
Infrastructure & Source Water Planning	775,705	800,212	824,219	848,945	24,508	3.2%	24,006	24,727
Horizon Utilities Service Contract	2,304,115	2,412,500	2,484,875	2,559,421	108,385	4.7%	72,375	74,546
Corporate & Departmental Support Services	2,621,790	2,718,785	2,800,348	2,884,359	96,995	3.7%	81,564	84,010
Utilities Arrears Program	250,020	250,000	250,000	250,000	(20)	(0.0%)	-	-
Financial Charges	3,460	21,156	21,791	22,445	17,696	511.5%	635	654
Capital and Reserve Recoveries	(3,253,882)	(3,432,896)	(3,535,882)	(3,641,959)	(179,014)	5.5%	(102,987)	(106,076)
Sub-Total Environmental Services	43,219,036	46,612,335	48,003,205	49,435,801	3,393,299	7.9%	1,390,870	1,432,596
Capital and Reserve Impacts on Operating								
Contributions to Capital								
Water Quality Initiatives	38,697,000	58,771,000	45,195,000	38,091,000	20,074,000	51.9%	(13,576,000)	(7,104,000)
Sub-Total Contributions to Capital	38,697,000	58,771,000	45,195,000	38,091,000	20,074,000	51.9%	(13,576,000)	(7,104,000)
Contributions for DC Exemptions								
Water Quality Initiatives	2,900,000	2,800,000	2,750,000	2,700,000	(100,000)	(3.4%)	(50,000)	(50,000)
Sub-Total Contributions for DC Exemptions	2,900,000	2,800,000	2,750,000	2,700,000	(100,000)	(3.4%)	(50,000)	(50,000)
Debt Charges								
Water Quality Initiatives	7,399,740	9,925,679	15,216,840	21,134,335	2,525,939	34.1%	5,291,160	5,917,495
DC Debt Charges Recoveries	(1,394,001)	(1,791,927)	(5,066,867)	(8,428,350)	(397,926)	28.5%	(3,274,941)	(3,361,482)
Sub-Total Debt Charges	6,005,739	8,133,753	10,149,972	12,705,985	2,128,014	35.4%	2,016,220	2,556,012
Sub-Total Capital Financing	47,602,739	69,704,753	58,094,972	53,496,985	22,102,014	46.4%	(11,609,780)	(4,597,988)
Reserve Transfers	2,242,675	(18,522,348)	(4,230,349)	3,756,139	(20,765,023)	(925.9%)	14,291,999	7,986,488
Sub-Total Capital and Reserve Impacts on Operating	49,845,414	51,182,405	53,864,623	57,253,124	1,336,991	2.7%	2,682,219	3,388,501
TOTAL EXPENDITURES	93,064,450	97,794,740	101,867,829	106,688,926	4,730,290	5.1%	4,073,089	4,821,097

**CITY OF HAMILTON
2017-2026 WATER, WASTEWATER & STORM OPERATING BUDGET
WATER**

	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	43,219	46,612	48,003	49,436	50,919	52,446	54,020	55,640	57,310	59,029	60,800
TOTAL OPERATING COSTS	43,219	46,612	48,003	49,436	50,919	52,446	54,020	55,640	57,310	59,029	60,800
CAPITAL & RESERVE IMPACTS ON OPERATING											
Contributions to Capital	38,697	58,771	45,195	38,091	35,329	45,084	68,799	62,999	67,166	50,159	42,052
Water	38,697	58,771	45,195	38,091	35,329	45,084	68,799	62,999	67,166	50,159	42,052
<i>Sub-total Contributions to Capital</i>											
Contributions for DC Exemptions	2,900	2,800	2,750	2,700	2,650	2,600	2,550	2,500	2,500	2,500	2,500
Water	2,900	2,800	2,750	2,700	2,650	2,600	2,550	2,500	2,500	2,500	2,500
<i>Sub-total Contributions to Capital</i>											
Debt Charges	7,400	9,926	15,217	21,134	25,510	27,249	27,786	27,898	28,262	29,061	29,981
Water	7,400	9,926	15,217	21,134	25,510	27,249	27,786	27,898	28,262	29,061	29,981
DC Debt Charges Recoveries	-1,394	-1,792	-5,067	-8,428	-10,850	-11,769	-12,197	-12,487	-13,032	-14,013	-15,113
<i>Sub-total Debt Charges</i>	6,006	8,134	10,150	12,706	14,660	15,480	15,590	15,411	15,230	15,048	14,868
Reserve Transfers	2,243	-18,522	-4,230	3,756	8,379	580	-19,055	-11,069	-12,377	8,476	19,984
Sub-Total Capital & Reserve Impacts on Operating	49,845	51,182	53,865	57,253	61,018	63,744	67,884	69,841	72,519	76,183	79,404
TOTAL EXPENDITURES	93,064	97,795	101,868	106,689	111,937	116,191	121,904	125,482	129,829	135,212	140,204
REVENUES											
Residential	40,910	43,300	45,303	47,848	50,287	52,376	54,975	56,573	58,733	61,308	63,809
Industrial/Commercial/Institutional/Multi-res	46,528	48,291	50,240	52,385	54,926	56,875	59,709	61,468	63,417	65,958	68,200
Haldimand	2,207	2,191	2,196	2,198	2,329	2,410	2,545	2,624	2,715	2,829	2,921
Halton	219	228	237	247	260	269	282	291	300	312	323
Non-Metered	213	220	220	230	240	250	260	270	280	290	300
Private Fire Lines	950	1,100	1,133	1,167	1,202	1,238	1,275	1,313	1,353	1,393	1,435
Hauler / 3rd Party Sales	811	961	990	1,019	1,050	1,081	1,114	1,147	1,182	1,217	1,254
Non-Rate Revenue	1,227	1,504	1,549	1,595	1,643	1,692	1,743	1,795	1,849	1,904	1,962
TOTAL REVENUES	93,064	97,795	101,868	106,689	111,937	116,191	121,904	125,482	129,829	135,212	140,204
NET EXPENDITURES	0	0	0	0	0	0	0	0	0	0	0
Rate Increase	3.3%	4.9%	3.8%	4.7%	4.3%	3.3%	4.2%	2.1%	3.0%	3.6%	3.3%
RESIDENTIAL BILL (200m³ p.a.)	\$ 306.35	\$ 321.25	\$ 333.30	\$ 349.00	\$ 363.85	\$ 375.90	\$ 391.55	\$ 399.95	\$ 412.00	\$ 426.85	\$ 440.90