

CITY OF HAMILTON
2018 HAMILTON WATER OPERATING BUDGET
WATER

	2017 RESTATED BUDGET \$	2017 PROJECTED ACTUAL \$	2018 MAINTENANCE BUDGET \$	2018 PROGRAM CHANGE \$	2018 REQUESTED BUDGET \$	CHANGE 2017 PROJECTED ACTUAL / 2017 RESTATED BUDGET \$ %	CHANGE 2018 REQUESTED / 2017 RESTATED BUDGET \$ %
OPERATING EXPENDITURES:							
<u>Environmental Services</u>							
Divisional Administration & Support	921,500	915,538	935,730		935,730	5,962	0.6%
Customer Service	287,690	210,190	216,640		216,640	77,500	26.9%
Outreach & Education	695,520	695,520	647,800		647,800	-	-
Service Co-ordination	1,650,555	1,650,555	1,667,032		1,667,032	-	-
Engineering Systems & Data Collection	817,650	817,650	639,100		639,100	-	-
Compliance & Regulations	390,950	390,950	399,120		399,120	-	-
Laboratory Services	1,067,625	1,067,625	1,093,375		1,093,375	-	-
Water Distribution & Wastewater Collection	14,716,390	14,716,390	16,017,880		16,017,880	-	-
Plant Operations & Maintenance	20,391,370	20,794,674	21,152,620		21,152,620	(403,304)	(2.0%)
Capital Delivery	961,987	961,987	1,035,536		1,035,536	(0)	(0.0%)
Sustainable Initiatives	1,014,657	1,014,551	1,102,755		1,102,755	107	0.0%
Infrastructure Planning & System Design	825,481	824,996	859,126		859,126	485	0.1%
Alectra Utilities Service Contract	2,637,500	2,562,360	2,779,860		2,779,860	75,140	2.8%
Corporate & Departmental Support Services	2,700,870	2,760,198	2,733,750		2,733,750	(59,328)	(2.2%)
Utilities Arrears Program	250,000	250,000	250,000		250,000	-	-
Financial Charges	3,620	3,620	3,620		3,620	-	-
Capital and Reserve Recoveries	(3,138,041)	(2,845,752)	(3,928,630)		(3,928,630)	(292,288)	9.3%
Sub-Total Environmental Services	\$ 46,195,325	\$ 46,791,050	47,605,313	-	47,605,313	(595,726)	(1.3%)
<u>Capital and Reserve Impacts on Operating</u>							
<u>Contributions to Capital</u>							
Water Quality Initiatives	58,771,000	58,771,000	36,982,000		36,982,000	-	-
Sub-Total Contributions to Capital	58,771,000	58,771,000	36,982,000	-	36,982,000	-	-
<u>Contributions for DC Exemptions</u>							
Water Quality Initiatives	2,800,000	2,800,000	2,547,000		2,547,000	-	-
Sub-Total Contributions for DC Exemptions	2,800,000	2,800,000	2,547,000	-	2,547,000	-	(9.0%)
<u>Debt Charges</u>							
Water Quality Initiatives	9,925,680	6,726,452	9,448,542		9,448,542	3,199,228	32.2%
DC Debt Charges Recoveries	(1,791,930)	(224,038)	(1,176,642)		(1,176,642)	(1,567,892)	87.5%
Sub-Total Debt Charges	8,133,750	6,502,414	8,271,901	-	8,271,901	1,631,336	20.1%
Sub-Total Capital Financing	69,704,750	68,073,414	47,800,901	-	47,800,901	1,631,336	2.3%
Reserve Transfers	(17,655,335)	(17,069,909)	7,028,476	-	7,028,476	(585,425)	3.3%
Sub-Total Capital and Reserve Impacts on Operating	52,049,416	51,003,505	54,829,377	-	54,829,377	1,045,911	2.0%
TOTAL EXPENDITURES	98,244,740	97,794,555	102,434,690	-	102,434,690	450,185	0.5%
						4,189,950	4.3%

CITY OF HAMILTON

2018 HAMILTON WATER OPERATING BUDGET

WATER

REVENUES:

Rate Revenue

Residential	43,299,760	42,999,760	45,302,680	-	45,302,680	(300,000)	(0.7%)	2,002,920	4.6%
Industrial/Commercial/Institutional/Multi-res	48,291,260	48,291,260	50,239,950	-	50,239,950	-	-	1,948,690	4.0%
Haidmand	2,190,750	2,190,750	2,196,300	-	2,196,300	-	-	5,550	0.3%
Haiton	228,170	228,170	237,460	-	237,460	-	-	9,290	4.1%
Non-Metered	220,000	237,500	275,000	-	275,000	17,500	8.0%	55,000	25.0%
Private Fire Lines	1,100,000	1,125,000	1,350,000	-	1,350,000	25,000	2.3%	250,000	22.7%
Hauler / 3rd Party Sales	910,850	910,850	685,000	-	685,000	-	-	(225,850)	(24.8%)
Sub-Total Utility Rates	96,240,790	95,983,290	100,286,390	-	100,286,390	(257,500)	(0.3%)	4,045,600	4.2%

Non-Rate Revenue

Local Improvement Recoveries	10,000	10,000	-	10,000	-	-
Permits / Leases / Agreements	1,057,450	994,350	-	1,040,650	(63,100)	(16,800)
Investment Income	450,000	300,000	-	450,000	(150,000)	-
General Fees and Recoveries	486,500	506,915	-	647,650	20,415	161,150
					4.2%	33.1%

Sub-Total Non-Rate Revenue

TOTAL REVENUES	98,244,740	97,794,555	102,434,690	-	102,434,690	(450,185)	(0.5%)	4,189,950	4.3%
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NET EXPENDITURES

CITY OF HAMILTON
2018 - 2020 WATER, WASTEWATER AND STORM OPERATING BUDGET
WATER

	2017 RESTATED BUDGET	2018 REQUESTED BUDGET	2019 PROJECTED BUDGET	2020 PROJECTED BUDGET	2017 RESTATED BUDGET	2018 REQUESTED / 2017 RESTATED BUDGET	2019 PROJECTED / 2018 REQUESTED BUDGET	2020 PROJECTED / 2019 PROJECTED BUDGET
	\$	\$	\$	\$	\$	%	\$	%
OPERATING EXPENDITURES:								
Environmental Services								
Divisional Administration & Support	921,500	935,730	963,801	992,715	14,230	1.5%	28,072	3.0%
Customer Service	287,690	864,440	890,373	917,084	576,750	200.5%	25,933	3.0%
Service Co-ordination	1,650,555	1,667,032	1,717,043	1,768,554	16,477	1.0%	50,011	3.0%
Engineering Systems & Data Collection	817,650	639,100	658,273	678,021	(178,550)	(21.8%)	19,173	3.0%
Compliance & Regulations	390,950	399,120	411,094	423,426	8,170	2.1%	11,974	3.0%
Laboratory Services	1,067,625	1,093,375	1,126,176	1,159,962	25,750	2.4%	32,801	3.0%
Water Distribution & Wastewater Collection	14,716,390	16,017,880	16,498,416	16,993,369	1,301,490	8.8%	480,536	3.0%
Plant Operations & Maintenance	20,391,370	21,152,620	21,787,199	22,440,815	761,250	3.7%	634,579	3.0%
Capital Delivery	961,987	1,035,536	1,066,602	1,098,600	73,549	7.6%	31,066	3.0%
Sustainable Initiatives	1,014,657	1,102,755	1,135,838	1,169,913	88,098	8.7%	33,083	3.0%
Infrastructure & Source Water Planning	825,481	859,126	884,900	911,447	33,645	4.1%	25,774	3.0%
Electra Utilities Service Contract	2,637,500	2,779,860	2,863,256	2,949,153	142,360	5.4%	83,396	3.0%
Corporate & Departmental Support Services	2,700,870	2,733,750	2,815,763	2,900,235	32,880	1.2%	82,013	3.0%
Utilities Arrears Program	250,000	250,000	250,000	250,000	-	-	-	-
Financial Charges	3,620	3,620	3,729	3,840	-	0.0%	109	3.0%
Capital and Reserve Recoveries	(3,138,041)	(3,928,630)	(4,046,489)	(4,167,884)	(790,590)	25.2%	(117,859)	3.0%
Sub-Total Environmental Services	46,195,325	47,605,313	49,025,973	50,489,252	2,105,509	4.6%	1,420,659	3.0%
Capital and Reserve Impacts on Operating								
Contributions to Capital								
Water Quality Initiatives	58,771,000	36,982,000	40,607,000	36,642,000	(21,789,000)	(37.1%)	3,625,000	9.8%
Sub-Total Contributions to Capital	58,771,000	36,982,000	40,607,000	36,642,000	(21,789,000)	(37.1%)	3,625,000	9.8%
Contributions for DC Exemptions								
Water Quality Initiatives	2,800,000	2,547,000	2,264,000	1,981,000	(253,000)	(9.0%)	(283,000)	(12.5%)
Sub-Total Contributions for DC Exemptions	2,800,000	2,547,000	2,264,000	1,981,000	(253,000)	(9.0%)	(283,000)	(12.5%)
Debt Charges								
Water Quality Initiatives	9,925,680	9,448,542	15,713,674	22,714,566	(477,138)	(4.8%)	6,265,132	66.3%
DC Debt Charges Recoveries	(1,791,930)	(1,176,642)	(3,695,246)	(7,057,480)	615,288	(34.3%)	(2,518,604)	214.1%
Sub-Total Debt Charges	8,133,750	8,271,901	12,018,428	15,657,086	138,151	1.7%	3,746,527	45.3%
Sub-Total Capital Financing	69,704,750	47,800,901	54,889,428	54,280,086	(21,903,849)	(31.4%)	7,088,527	14.8%
Reserve Transfers	(17,655,335)	7,028,476	3,347,237	7,747,819	24,683,810	(139.8%)	(3,681,239)	(52.4%)
Sub-Total Capital and Reserve Impacts on Operating	52,049,416	54,829,377	58,236,665	62,027,905	2,779,961	5.3%	3,407,288	6.2%
TOTAL EXPENDITURES	98,244,740	102,434,690	107,262,638	112,517,158	4,189,950	4.3%	4,827,948	4.7%
							5,254,520	4.9%

CITY OF HAMILTON
2018 - 2020 WATER, WASTEWATER AND STORM OPERATING BUDGET
WATER

	2017 RESTATED BUDGET \$	2018 REQUESTED BUDGET \$	2019 PROJECTED BUDGET \$	2020 PROJECTED BUDGET \$	CHANGE 2017 RESTATED BUDGET / 2018 REQUESTED BUDGET \$ %	CHANGE 2018 REQUESTED BUDGET / 2019 PROJECTED BUDGET \$ %	CHANGE 2019 PROJECTED BUDGET / 2020 PROJECTED BUDGET \$ %
REVENUES:							
Rate Revenue							
Residential	43,299,760	45,302,680	47,847,656	50,287,139	2,002,920 4.6%	2,544,976 5.6%	2,439,483 5.1%
Industrial/Commercial/Institutional/Multi-res	48,291,260	50,239,950	52,384,792	54,926,074	1,948,690 4.0%	2,144,842 4.3%	2,541,281 4.9%
Haldimand	2,190,750	2,196,300	2,197,759	2,329,304	5,550 0.3%	1,459 0.1%	131,545 6.0%
Halton	228,170	237,460	247,432	259,592	9,290 4.1%	9,972 4.2%	12,161 4.9%
Non-Metered	220,000	275,000	290,000	305,000	55,000 25.0%	15,000 5.5%	15,000 5.2%
Private Fire Lines	1,100,000	1,350,000	1,390,500	1,432,215	250,000 22.7%	40,500 3.0%	41,715 3.0%
Hauler / 3rd Party Sales	910,850	685,000	705,550	726,717	(225,850) (24.8%)	20,550 3.0%	21,167 3.0%
Sub-Total Utility Rates	96,240,790	100,286,390	105,063,689	110,266,040	4,045,600 4.2%	4,777,299 4.8%	5,202,352 5.0%
Non-Rate Revenue							
Local Improvement Recoveries	10,000	10,000	10,000	10,000	-	-	-
Permits/Leases/Agreements	1,057,450	1,040,650	1,071,870	1,104,026	(16,800) (1.6%)	31,220 3.0%	32,156 3.0%
Investment Income	450,000	450,000	450,000	450,000	-	-	-
General Fees and Recoveries	486,500	647,650	667,080	687,092	161,150 33.1%	19,430 3.0%	20,012 3.0%
Sub-Total Non-Rate Revenue	2,003,950	2,148,300	2,198,949	2,251,117	144,350 7.2%	50,649 2.4%	52,168 2.4%
TOTAL REVENUES	98,244,740	102,434,690	107,262,638	112,517,158	4,189,950 4.3%	4,827,948 4.7%	5,254,520 4.9%
NET EXPENDITURES	-	-	-	-	-	-	-

**CITY OF HAMILTON
2018-2027 WATER, WASTEWATER & STORM OPERATING BUDGET
WATER**

	2017 Restated	2018 Requested	2019 Forecast	2020 Forecast	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast	2027 Forecast							
OPERATING EXPENDITURES																		
OPERATING COSTS																		
TOTAL OPERATING COSTS	46,195	47,605	49,026	50,489	52,004	53,564	55,171	56,826	58,531	60,287	62,095							
CAPITAL & RESERVE IMPACTS ON OPERATING																		
Contributions to Capital																		
Water	58,771	36,982	40,607	36,642	43,231	47,091	53,919	55,565	62,419	58,453	60,494							
Sub-total Contributions to Capital	58,771	36,982	40,607	36,642	43,231	47,091	53,919	55,565	62,419	58,453	60,494							
Contributions for DC Exemptions																		
Water	2,800	2,547	2,264	1,981	1,950	1,912	1,873	1,873	1,873	1,873	1,873							
Sub-total Contributions to Capital	2,800	2,547	2,264	1,981	1,950	1,912	1,873	1,873	1,873	1,873	1,873							
Debt Charges																		
Water	9,926	9,449	15,714	22,715	27,167	28,555	28,953	29,078	30,638	32,944	33,465							
DC Debt Charges Recoveries	(1,792)	(1,177)	(3,695)	(7,057)	(9,559)	(10,246)	(10,448)	(10,717)	(11,989)	(13,619)	(14,912)							
Sub-total Debt Charges	8,134	8,272	12,018	15,657	17,608	18,309	18,505	18,361	18,649	19,326	18,553							
Reserve Transfers	(17,655)	7,028	3,347	7,748	1,999	1,650	(3,344)	(2,132)	(5,574)	975	10,439							
Sub-Total Capital & Reserve Impacts on Operating	52,049	54,829	58,237	62,028	64,788	68,961	70,954	73,668	77,368	80,627	91,359							
TOTAL EXPENDITURES	98,245	102,435	107,263	112,517	116,791	122,526	126,125	130,494	135,899	140,914	153,454							
REVENUES																		
Residential	43,300	45,303	47,848	50,287	52,376	54,975	56,573	58,733	61,308	63,809	71,972							
Industrial/Commercial/Institutional/Multi-res	48,291	50,240	52,385	54,926	56,875	59,709	61,468	63,417	65,958	68,200	72,275							
Haldimand	2,191	2,196	2,198	2,329	2,410	2,545	2,624	2,715	2,829	2,921	3,034							
Halton	228	237	247	260	269	282	291	300	312	323	340							
Non-Metered	220	275	290	305	320	335	350	365	380	395	410							
Private Fire Lines	1,100	1,350	1,391	1,432	1,475	1,519	1,565	1,612	1,660	1,710	1,761							
Hauler / 3rd Party Sales	911	685	706	727	749	771	794	818	842	868	894							
Non-Rate Revenue	2,004	2,148	2,199	2,251	2,319	2,388	2,460	2,534	2,610	2,688	2,769							
TOTAL REVENUES	98,245	102,435	107,263	112,517	116,791	122,526	126,125	130,494	135,899	140,914	153,454							
NET EXPENDITURES																		
Rate Increase	3.3%	3.8%	4.7%	4.3%	3.3%	4.2%	4.0%	5.2%	5.6%	4.7%	4.1%							
RESIDENTIAL BILL (200m ³ p.a.)	\$	321.25	\$	333.30	\$	349.00	\$	363.85	\$	375.90	\$	428.60	\$	452.40	\$	473.75	\$	493.10