



2019

APPROVED
OPERATING &
CAPITAL BUDGETS



Hamilton

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2019 Consolidated City Budget

APPENDIX "1"
2019 APPROVED
CONSOLIDATED CITY BUDGET:
GROSS EXPENDITURES

CITY OF HAMILTON
2019 APPROVED CONSOLIDATED CITY BUDGET
GROSS EXPENDITURES
(\$ Million's)

	Rate	Tax	Total
Operating	237.9	1,570.3	1,808.2
Capital	284.1	227.1	511.2
Total	522.0	1,797.4	2,319.4

APPENDIX "2"
2019 APPROVED
TAX AND RATE OPERATING BUDGETS:
COST CATEGORY SUMMARY

**CITY OF HAMILTON
2019 APPROVED
TAX AND RATE OPERATING BUDGETS COST CATEGORY**

Tax and Rate					
	2018 Restated Budget	2018 Year-End Actual	2019 Approved Budget	2019 Approved vs. 2018 Restated	
				\$	%
<i>EMPLOYEE RELATED COSTS</i>	800,110,070	791,961,260	823,856,970	23,746,900	3.0%
<i>MATERIAL AND SUPPLY</i>	71,429,820	63,383,200	69,533,030	(1,896,790)	(2.7)%
<i>VEHICLE EXPENSES</i>	37,091,310	38,829,350	39,855,940	2,764,630	7.5%
<i>BUILDING AND GROUND</i>	62,643,910	57,123,710	60,911,590	(1,732,320)	(2.8)%
<i>CONSULTING</i>	1,294,220	1,638,730	1,963,490	669,270	51.7%
<i>CONTRACTUAL</i>	134,291,730	134,521,170	143,213,060	8,921,330	6.6%
<i>AGENCIES and SUPPORT PAYMENTS</i>	313,786,050	305,358,500	306,797,970	(6,988,080)	(2.2)%
<i>RESERVES / RECOVERIES</i>	42,936,890	115,552,670	57,582,490	14,645,600	34.1%
<i>COST ALLOCATIONS</i>	614,760	330,700	818,820	204,060	33.2%
<i>FINANCIAL</i>	41,573,300	240,334,770	42,210,230	636,930	1.5%
<i>CAPITAL FINANCING</i>	244,695,850	230,447,190	261,481,100	16,785,250	6.9%
<i>CAPITAL EXPENDITURES</i>	0	179,830	0	0	0.0%
TOTAL EXPENDITURES	1,750,467,910	1,979,661,080	1,808,224,690	57,756,780	3.3%
<i>FEES AND GENERAL</i>	(203,941,830)	(215,465,920)	(209,865,490)	(5,923,660)	2.9%
<i>TAX AND RATES</i>	(236,958,380)	(439,318,910)	(248,432,630)	(11,474,250)	4.8%
<i>GRANTS AND SUBSIDIES</i>	(387,893,080)	(383,560,030)	(388,249,290)	(356,210)	0.1%
<i>RESERVES</i>	(23,016,270)	(57,968,910)	(37,578,010)	(14,561,740)	63.3%
<i>RECOVERIES FROM CAPITAL</i>	(40,677,750)	(33,894,010)	(37,311,880)	3,365,870	(8.3)%
TOTAL REVENUES	(892,487,310)	(1,130,207,780)	(921,437,300)	(28,949,990)	3.2%
NET LEVY	857,980,600	849,453,300	886,787,390	28,806,790	3.4%



**2019
Tax
Supported
Operating
Budget**

APPENDIX "3"
2019 APPROVED
NET TAX OPERATING BUDGET:
SUMMARY

**CITY OF HAMILTON
2019 APPROVED
NET TAX OPERATING BUDGET**

	2018		2019 Approved Budget	2019 Approved vs. 2018 Restated	
	Restated Budget	Year-End Actual		\$	%
	PLANNING & ECONOMIC DEVELOPMENT				
General Manager	1,074,800	1,046,610	965,570	(109,230)	(10.2)%
Transportation, Planning and Parking	1,992,060	896,210	2,181,440	189,380	9.5%
Building	1,334,080	1,368,990	1,307,960	(26,120)	(2.0)%
Economic Development	5,478,590	5,240,520	5,424,280	(54,310)	(1.0)%
Growth Management	176,940	(133,110)	467,860	290,920	164.4%
Licensing & By-Law Services	6,696,140	6,515,860	6,680,930	(15,210)	(0.2)%
Planning	3,747,150	3,617,840	3,392,010	(355,140)	(9.5)%
Tourism & Culture	8,886,320	9,071,410	9,251,720	365,400	4.1%
TOTAL PLANNING & ECONOMIC DEVELOPMENT	29,386,080	27,624,330	29,671,770	285,690	1.0%
HEALTHY AND SAFE COMMUNITIES					
HSC Administration	2,568,720	2,755,990	2,760,720	192,000	7.5%
Children's Services and Neighbourhood Dev.	8,441,390	8,727,600	8,675,010	233,620	2.8%
Ontario Works	11,823,090	10,496,800	11,917,630	94,540	0.8%
Housing Services	45,318,550	44,314,810	45,068,420	(250,130)	(0.6)%
Long Term Care	13,338,090	11,775,880	13,472,300	134,210	1.0%
Recreation	32,156,490	32,747,430	33,851,890	1,695,400	5.3%
Hamilton Fire Department	91,105,420	90,442,540	93,137,410	2,031,990	2.2%
Hamilton Paramedic Service	22,361,980	24,258,480	23,794,770	1,432,790	6.4%
Public Health Services	12,488,880	11,447,190	12,455,510	(33,370)	(0.3)%
TOTAL HEALTHY AND SAFE COMMUNITIES	239,602,610	236,966,720	245,133,660	5,531,050	2.3%

*Anomalies in amounts due to rounding.

CITY OF HAMILTON
2019 APPROVED
NET TAX OPERATING BUDGET

	2018		2019 Approved Budget	2019 Approved vs. 2018 Restated	
	Restated Budget	Year-End Actual		\$	%
PUBLIC WORKS					
PW-General Administration	1,010,640	773,680	715,220	(295,420)	(29.2)%
Energy Fleet and Facilities	9,038,620	10,511,570	9,315,220	276,600	3.1%
Engineering Services	(1,127,760)	(1,378,200)	(1,125,790)	1,970	0.2%
Environmental Services	77,065,670	77,338,290	79,085,570	2,019,900	2.6%
Transit	65,701,190	67,387,040	74,298,800	8,597,610	13.1%
Transportation Operations & Maintenance	79,562,520	78,339,150	80,125,050	562,530	0.7%
TOTAL PUBLIC WORKS	231,250,880	232,971,530	242,414,070	11,163,190	4.8%
LEGISLATIVE					
Legislative General	(395,620)	(324,650)	(341,540)	54,080	13.7%
Mayors Office	1,119,780	1,044,150	1,133,660	13,880	1.2%
Volunteer Committee	110,520	85,510	112,650	2,130	1.9%
Ward Budgets	4,036,790	3,644,220	4,113,730	76,940	1.9%
TOTAL LEGISLATIVE	4,871,470	4,449,230	5,018,500	147,030	3.0%
CITY MANAGER					
Strategic Partnerships & Communications	2,444,750	2,306,820	2,839,700	394,950	16.2%
Audit Services	1,066,430	1,069,870	1,115,980	49,550	4.6%
CMO - Administration	399,350	432,720	399,420	70	0.0%
Human Resources	6,885,170	6,577,830	7,403,800	518,630	7.5%
TOTAL CITY MANAGER	10,795,700	10,387,240	11,758,900	963,200	8.9%

*Anomalies in amounts due to rounding.

**CITY OF HAMILTON
2019 APPROVED
NET TAX OPERATING BUDGET**

	2018		2019 Approved Budget	2019 Approved vs. 2018 Restated	
	Restated Budget	Year-End Actual		\$	%
	CORPORATE SERVICES				
Corporate Services - Administration	324,760	261,590	329,290	4,530	1.4%
City Clerk's Office	2,391,660	2,461,420	2,409,450	17,790	0.7%
Customer Service	5,189,350	5,098,630	5,270,000	80,650	1.6%
Financial Planning, Admin & Policy	4,720,250	4,447,010	4,800,070	79,820	1.7%
Financial Services	3,904,830	3,111,280	3,979,580	74,750	1.9%
Information Technology	8,837,600	8,576,840	10,036,300	1,198,700	13.6%
Legal Services	3,248,140	3,248,140	3,382,760	134,620	4.1%
TOTAL CORPORATE SERVICES	28,616,590	27,204,910	30,207,450	1,590,860	5.6%
CORPORATE FINANCIALS - EXPENDITURES					
Corporate Pensions, Benefits & Contingency	15,645,820	25,460,990	15,344,600	(301,220)	(1.9)%
Corporate Initiatives	4,156,310	1,695,520	4,120,240	(36,070)	(0.9)%
TOTAL CORPORATE FINANCIALS	19,802,130	27,156,510	19,464,840	(337,290)	(1.7)%
HAMILTON ENTERTAINMENT FACILITIES					
Operating	3,617,990	3,153,670	3,912,390	294,400	8.1%
TOTAL HAMILTON ENTERTAINMENT FACILITIES	3,617,990	3,153,670	3,912,390	294,400	8.1%
TOTAL CITY EXPENDITURES	567,943,450	569,914,140	587,581,580	19,638,130	3.5%

*Anomalies in amounts due to rounding.

**CITY OF HAMILTON
2019 APPROVED
NET TAX OPERATING BUDGET**

	2018		2019 Approved Budget	2019 Approved vs. 2018 Restated	
	Restated Budget	Year-End Actual		\$	%
	CAPITAL FINANCING				
Debt-Planning & Economic Development	194,340	1,940	194,070	(270)	(0.1)%
Debt-Healthy and Safe Communities	2,175,060	2,039,290	2,339,720	164,660	7.6%
Debt-Public Health Services	0	0	0	0	0.0%
Debt-Public Works	38,073,520	35,941,440	38,695,920	622,400	1.6%
Debt-Corporate Financials	70,747,300	68,122,510	74,313,360	3,566,060	5.0%
Infrastructure Renewal Levy	13,428,870	13,428,870	13,428,870	0	0.0%
TOTAL CAPITAL FINANCING	124,619,090	119,534,050	128,971,940	4,352,850	3.5%
BOARDS & AGENCIES					
Police Services					
Operating	160,470,610	160,470,600	164,290,320	3,819,710	2.4%
Capital Financing	716,500	716,500	805,750	89,250	12.5%
Total Police Services	161,187,110	161,187,100	165,096,070	3,908,960	2.4%
Other Boards & Agencies					
Library	29,981,000	29,979,390	30,700,190	719,190	2.4%
Conservation Authorities	5,416,650	7,860,650	5,497,900	81,250	1.5%
MPAC	6,587,150	6,587,350	6,715,220	128,070	1.9%
Hamilton Beach Rescue Unit	132,360	132,360	134,340	1,980	1.5%
Royal Botanical Gardens	625,340	625,340	634,720	9,380	1.5%
Farmers' Market	111,100	71,580	112,800	1,700	1.5%
Total Other Boards & Agencies	42,853,600	45,256,670	43,795,170	941,570	2.2%
Capital Financing - Other Boards & Agencies	187,290	187,290	191,240	3,950	2.1%
City Enrichment Fund	6,022,690	6,022,690	6,115,890	93,200	1.5%
TOTAL BOARDS & AGENCIES	210,250,690	212,653,750	215,198,370	4,947,680	2.4%
TOTAL EXPENDITURES	902,813,230	902,101,940	931,751,890	28,938,660	3.2%

*Anomalies in amounts due to rounding.

**CITY OF HAMILTON
2019 APPROVED
NET TAX OPERATING BUDGET**

	2018		2019 Approved Budget	2019 Approved vs. 2018 Restated	
	Restated Budget	Year-End Actual		\$	%
	NON PROGRAM REVENUES				
Payment In Lieu	(15,588,700)	(16,446,100)	(15,726,700)	(138,000)	(0.9)%
Penalties and Interest	(10,500,000)	(11,229,000)	(10,500,000)	0	0.0%
Right of Way	(3,211,000)	(3,227,760)	(3,228,000)	(17,000)	(0.5)%
Senior Tax Credit	598,000	572,500	587,000	(11,000)	(1.8)%
Supplementary Taxes	(9,125,000)	(10,352,890)	(9,125,000)	0	0.0%
Tax Remissions and Write Offs	11,148,000	11,310,010	9,790,400	(1,357,600)	(12.2)%
Hydro Dividend and Other Interest	(5,300,000)	(2,560,820)	(5,300,000)	0	0.0%
Investment Income	(4,100,000)	(4,100,000)	(4,100,000)	0	0.0%
Slot Revenues	(5,000,000)	(5,346,360)	(5,000,000)	0	0.0%
Other Revenue	0	(340)	0	0	0.0%
POA Revenues	(3,753,930)	(2,976,000)	(2,362,200)	1,391,730	37.1%
TOTAL NON PROGRAM REVENUES	(44,832,630)	(44,356,760)	(44,964,500)	(131,870)	(0.3)%
TOTAL LEVY REQUIREMENT	857,980,600	857,745,180	886,787,390	28,806,790	3.4%
AVERAGE RESIDENTIAL MUNICIPAL TAX IMPACT (including growth)					2.5%

*Anomalies in amounts due to rounding.

APPENDIX "4"
2019 APPROVED
TAX OPERATING BUDGET:
GROSS AND NET EXPENDITURES
SUMMARY

**CITY OF HAMILTON
2019 APPROVED
GROSS AND NET TAX OPERATING BUDGET**

	Gross Expenditures			Gross Revenues			Net Operating Budget				
	2018	2019	% Change	2018	2019	% Change	2018	2019	2019 Approved vs. 2018 Restated		
	Restated Budget	Approved Budget		Restated Budget	Approved Budget		Budget	Budget	\$	%	
PLANNING & ECONOMIC DEVELOPMENT											
General Manager	1,196,750	1,137,520	(4.9)%	(121,950)	(171,950)	(41.0)%	1,074,800	965,570	(109,230)	(10.2)%	
Transportation, Planning and Parking	15,721,080	16,276,520	3.5%	(13,729,020)	(14,095,080)	(2.7)%	1,992,060	2,181,440	189,380	9.5%	
Building	13,525,850	14,142,570	4.6%	(12,191,770)	(12,834,610)	(5.3)%	1,334,080	1,307,960	(26,120)	(2.0)%	
Economic Development	7,765,260	8,649,160	11.4%	(2,286,670)	(3,224,880)	(41.0)%	5,478,590	5,424,280	(54,310)	(1.0)%	
Growth Management	6,092,710	6,963,230	14.3%	(5,915,770)	(6,495,370)	(9.8)%	176,940	467,860	290,920	164.4%	
Licensing & By-Law Services	12,194,590	12,840,640	5.3%	(5,498,450)	(6,159,710)	(12.0)%	6,696,140	6,680,930	(15,210)	(0.2)%	
LRT Office	6,260,760	8,606,550	37.5%	(6,260,760)	(8,606,550)	(37.5)%	0	0	0	0.0%	
Planning	8,657,150	9,846,050	13.7%	(4,910,000)	(6,454,040)	(31.4)%	3,747,150	3,392,010	(355,140)	(9.5)%	
Tourism & Culture	10,315,290	10,581,670	2.6%	(1,428,970)	(1,329,950)	6.9%	8,886,320	9,251,720	365,400	4.1%	
TOTAL PLANNING & ECONOMIC DEVELOPMENT	81,729,440	89,043,910	8.9%	(52,343,360)	(59,372,140)	(13.4)%	29,386,080	29,671,770	285,690	1.0%	
HEALTHY AND SAFE COMMUNITIES											
HSC Administration	2,935,300	3,100,430	5.6%	(366,580)	(339,710)	7.3%	2,568,720	2,760,720	192,000	7.5%	
Children's Services and Neighbourhood Dev.	92,928,810	93,659,390	0.8%	(84,487,420)	(84,984,380)	(0.6)%	8,441,390	8,675,010	233,620	2.8%	
Ontario Works	158,119,600	153,082,030	(3.2)%	(146,296,510)	(141,164,400)	3.5%	11,823,090	11,917,630	94,540	0.8%	
Housing Services	92,576,650	90,971,920	(1.7)%	(47,258,100)	(45,903,500)	2.9%	45,318,550	45,068,420	(250,130)	(0.6)%	
Long Term Care	45,527,460	46,319,560	1.7%	(32,189,370)	(32,847,260)	(2.0)%	13,338,090	13,472,300	134,210	1.0%	
Recreation	51,688,110	53,534,030	3.6%	(19,531,620)	(19,682,140)	(0.8)%	32,156,490	33,851,890	1,695,400	5.3%	
Hamilton Fire Department	91,842,400	93,565,160	1.9%	(736,980)	(427,750)	42.0%	91,105,420	93,137,410	2,031,990	2.2%	
Hamilton Paramedic Service	47,487,880	50,193,650	5.7%	(25,125,900)	(26,398,880)	(5.1)%	22,361,980	23,794,770	1,432,790	6.4%	
Public Health Services	51,475,660	51,623,220	0.3%	(38,986,780)	(39,167,710)	(0.5)%	12,488,880	12,455,510	(33,370)	(0.3)%	
TOTAL HEALTHY AND SAFE COMMUNITIES	634,581,870	636,049,390	0.2%	(394,979,260)	(390,915,730)	1.0%	239,602,610	245,133,660	5,531,050	2.3%	
PUBLIC WORKS											
PW-General Administration	1,010,640	715,220	(29.2)%	0	0	0.0%	1,010,640	715,220	(295,420)	(29.2)%	
Energy Fleet and Facilities	20,147,700	19,743,930	(2.0)%	(11,109,080)	(10,428,710)	6.1%	9,038,620	9,315,220	276,600	3.1%	
Engineering Services	19,904,240	20,255,160	1.8%	(21,032,000)	(21,380,950)	(1.7)%	(1,127,760)	(1,125,790)	1,970	0.2%	
Environmental Services	98,178,290	100,050,120	1.9%	(21,112,620)	(20,964,550)	0.7%	77,065,670	79,085,570	2,019,900	2.6%	
Transit	121,055,880	130,791,490	8.0%	(55,354,690)	(56,492,690)	(2.1)%	65,701,190	74,298,800	8,597,610	13.1%	
Transportation Operations & Maintenance	87,208,820	92,263,460	5.8%	(7,646,300)	(12,138,410)	(58.7)%	79,562,520	80,125,050	562,530	0.7%	
TOTAL PUBLIC WORKS	347,505,570	363,819,380	4.7%	(116,254,690)	(121,405,310)	(4.4)%	231,250,880	242,414,070	11,163,190	4.8%	

*Anomalies in amounts due to rounding

**CITY OF HAMILTON
2019 APPROVED
GROSS AND NET TAX OPERATING BUDGET**

	Gross Expenditures			Gross Revenues			Net Operating Budget				
	2018	2019	%	2018	2019	%	2018	2019	2019 Approved vs. 2018 Restated		
	Restated Budget	Approved Budget		Restated Budget	Approved Budget		Budget	Budget	\$	%	
LEGISLATIVE											
Legislative General	(395,620)	(341,540)	13.7%	0	0	0.0%	(395,620)	(341,540)	54,080	13.7%	
Mayors Office	1,119,780	1,133,660	1.2%	0	0	0.0%	1,119,780	1,133,660	13,880	1.2%	
Volunteer Committee	118,520	142,160	19.9%	(8,000)	(29,510)	(268.9)%	110,520	112,650	2,130	1.9%	
Ward Budgets	4,036,790	4,113,730	1.9%	0	0	0.0%	4,036,790	4,113,730	76,940	1.9%	
TOTAL LEGISLATIVE	4,879,470	5,048,010	3.5%	(8,000)	(29,510)	(268.9)%	4,871,470	5,018,500	147,030	3.0%	
CITY MANAGER											
Strategic Partnerships & Communications	3,120,690	4,185,020	34.1%	(675,940)	(1,345,320)	(99.0)%	2,444,750	2,839,700	394,950	16.2%	
Audit Services	1,066,430	1,145,980	7.5%	0	(30,000)	(100.0)%	1,066,430	1,115,980	49,550	4.6%	
CMO - Administration	429,350	429,420	0.0%	(30,000)	(30,000)	0.0%	399,350	399,420	70	0.0%	
Human Resources	8,695,380	9,457,690	8.8%	(1,810,210)	(2,053,890)	(13.5)%	6,885,170	7,403,800	518,630	7.5%	
TOTAL CITY MANAGER	13,311,850	15,218,110	14.3%	(2,516,150)	(3,459,210)	(37.5)%	10,795,700	11,758,900	963,200	8.9%	
CORPORATE SERVICES											
Corporate Services - Administration	324,760	329,290	1.4%	0	0	0.0%	324,760	329,290	4,530	1.4%	
City Clerk's Office	2,962,700	2,992,990	1.0%	(571,040)	(583,540)	(2.2)%	2,391,660	2,409,450	17,790	0.7%	
Customer Service	9,657,610	10,159,360	5.2%	(4,468,260)	(4,889,360)	(9.4)%	5,189,350	5,270,000	80,650	1.6%	
Financial Planning, Admin & Policy	7,055,680	7,206,010	2.1%	(2,335,430)	(2,405,940)	(3.0)%	4,720,250	4,800,070	79,820	1.7%	
Financial Services	6,558,480	6,762,110	3.1%	(2,653,650)	(2,782,530)	(4.9)%	3,904,830	3,979,580	74,750	1.9%	
Information Technology	13,408,430	14,611,230	9.0%	(4,570,830)	(4,574,930)	(0.1)%	8,837,600	10,036,300	1,198,700	13.6%	
Legal Services	4,311,840	4,271,400	(0.9)%	(1,063,700)	(888,640)	16.5%	3,248,140	3,382,760	134,620	4.1%	
TOTAL CORPORATE SERVICES	44,279,500	46,332,390	4.6%	(15,662,910)	(16,124,940)	(2.9)%	28,616,590	30,207,450	1,590,860	5.6%	
CORPORATE FINANCIALS - EXPENDITURES											
Corporate Pensions, Benefits & Contingency	17,528,620	16,374,500	(6.6)%	(1,882,800)	(1,029,900)	45.3%	15,645,820	15,344,600	(301,220)	(1.9)%	
Corporate Initiatives	4,377,910	4,341,840	(0.8)%	(221,600)	(221,600)	0.0%	4,156,310	4,120,240	(36,070)	(0.9)%	
TOTAL CORPORATE FINANCIALS	21,906,530	20,716,340	(5.4)%	(2,104,400)	(1,251,500)	40.5%	19,802,130	19,464,840	(337,290)	(1.7)%	
HAMILTON ENTERTAINMENT FACILITIES											
Operating	4,138,460	4,380,360	5.8%	(520,470)	(467,970)	10.1%	3,617,990	3,912,390	294,400	8.1%	
TOTAL HAMILTON ENTERTAINMENT FACILITIES	4,138,460	4,380,360	5.8%	(520,470)	(467,970)	10.1%	3,617,990	3,912,390	294,400	8.1%	
TOTAL CITY EXPENDITURES	1,152,332,690	1,180,607,890	2.5%	(584,389,240)	(593,026,310)	(1.5)%	567,943,450	587,581,580	19,638,130	3.5%	

*Anomalies in amounts due to rounding

**CITY OF HAMILTON
2019 APPROVED
GROSS AND NET TAX OPERATING BUDGET**

	Gross Expenditures			Gross Revenues			Net Operating Budget			
	2018 Restated Budget	2019 Approved Budget	% Change	2018 Restated Budget	2019 Approved Budget	% Change	2018 Restated Budget	2019 Approved Budget	2019 Approved vs. 2018 Restated	
									\$	%
CAPITAL FINANCING										
Debt-Planning & Economic Development	255,520	255,250	(0.1)%	(61,180)	(61,180)	0.0%	194,340	194,070	(270)	(0.1)%
Debt-Healthy & Safe Communities	5,027,940	5,675,260	12.9%	(2,852,880)	(3,335,540)	(16.9)%	2,175,060	2,339,720	164,660	7.6%
Debt-Public Works	44,087,590	45,397,280	3.0%	(6,014,070)	(6,701,360)	(11.4)%	38,073,520	38,695,920	622,400	1.6%
Debt-Corporate Financials	70,747,300	74,313,360	5.0%	0	0	0.0%	70,747,300	74,313,360	3,566,060	5.0%
Debt-Infrastructure Renewal Levy	13,428,870	13,428,870	0.0%	0	0	0.0%	13,428,870	13,428,870	0	0.0%
TOTAL CAPITAL FINANCING	133,547,220	139,070,020	4.1%	(8,928,130)	(10,098,080)	(13.1)%	124,619,090	128,971,940	4,352,850	3.5%
BOARDS & AGENCIES										
Police Services										
Operating	173,025,490	176,780,650	2.2%	(12,554,880)	(12,490,330)	0.5%	160,470,610	164,290,320	3,819,710	2.4%
Capital Financing	1,027,200	1,116,130	8.7%	(310,700)	(310,380)	0.1%	716,500	805,750	89,250	12.5%
Total Police Services	174,052,690	177,896,780	2.2%	(12,865,580)	(12,800,710)	0.5%	161,187,110	165,096,070	3,908,960	2.4%
Other Boards & Agencies										
Library	31,776,520	32,513,110	2.3%	(1,795,520)	(1,812,920)	(1.0)%	29,981,000	30,700,190	719,190	2.4%
Conservation Authorities	5,416,650	5,497,900	1.5%	0	0	0.0%	5,416,650	5,497,900	81,250	1.5%
MPAC	6,587,150	6,715,220	1.9%	0	0	0.0%	6,587,150	6,715,220	128,070	1.9%
Hamilton Beach Rescue Unit	135,590	134,340	(0.9)%	(3,230)	0	100.0%	132,360	134,340	1,980	1.5%
Royal Botanical Gardens	625,340	634,720	1.5%	0	0	0.0%	625,340	634,720	9,380	1.5%
Farmers' Market	829,180	821,480	(0.9)%	(718,080)	(708,680)	1.3%	111,100	112,800	1,700	1.5%
Total Other Boards & Agencies	45,370,430	46,316,770	2.1%	(2,516,830)	(2,521,600)	(0.2)%	42,853,600	43,795,170	941,570	2.2%
Capital Financing - Other Boards & Agencies	468,780	472,730	0.8%	(281,490)	(281,490)	0.0%	187,290	191,240	3,950	2.1%
City Enrichment Fund	6,022,690	6,115,890	1.5%	0	0	0.0%	6,022,690	6,115,890	93,200	1.5%
TOTAL BOARDS & AGENCIES	225,914,590	230,802,170	2.2%	(15,663,900)	(15,603,800)	0.4%	210,250,690	215,198,370	4,947,680	2.4%
TOTAL EXPENDITURES	1,511,794,500	1,550,480,080	2.6%	(608,981,270)	(618,728,190)	(1.6)%	902,813,230	931,751,890	28,938,660	3.2%

*Anomalies in amounts due to rounding

**CITY OF HAMILTON
2019 APPROVED
GROSS AND NET TAX OPERATING BUDGET**

	Gross Expenditures			Gross Revenues			Net Operating Budget				
	2018	2019	%	2018	2019	%	2018	2019	2019 Approved vs. 2018 Restated		
	Restated Budget	Approved Budget		Restated Budget	Approved Budget		Restated Budget	Approved Budget	\$	%	
NON PROGRAM REVENUES											
Payment In Lieu	500,000	500,000	0.0%	(16,088,700)	(16,226,700)	(0.9)%	(15,588,700)	(15,726,700)	(138,000)	(0.9)%	
Penalties and Interest	0	0	0.0%	(10,500,000)	(10,500,000)	0.0%	(10,500,000)	(10,500,000)	0	0.0%	
Right of Way	0	0	0.0%	(3,211,000)	(3,228,000)	(0.5)%	(3,211,000)	(3,228,000)	(17,000)	(0.5)%	
Senior Tax Credit	696,000	685,000	(1.6)%	(98,000)	(98,000)	0.0%	598,000	587,000	(11,000)	(1.8)%	
Supplementary Taxes	100,000	100,000	0.0%	(9,225,000)	(9,225,000)	0.0%	(9,125,000)	(9,125,000)	0	0.0%	
Tax Remissions and Write Offs	11,148,000	9,790,400	(12.2)%	0	0	0.0%	11,148,000	9,790,400	(1,357,600)	(12.2)%	
Hydro Dividend and Other Interest	8,500,000	8,800,000	3.5%	(13,800,000)	(14,100,000)	(2.2)%	(5,300,000)	(5,300,000)	0	0.0%	
Investment Income	0	0	0.0%	(4,100,000)	(4,100,000)	0.0%	(4,100,000)	(4,100,000)	0	0.0%	
Slot Revenues	0	0	0.0%	(5,000,000)	(5,000,000)	0.0%	(5,000,000)	(5,000,000)	0	0.0%	
Other Revenue	89,930	0	(100.0)%	(89,930)	0	100.0%	0	0	0	0.0%	
POA Revenues	0	0	0.0%	(3,753,930)	(2,362,200)	37.1%	(3,753,930)	(2,362,200)	1,391,730	37.1%	
TOTAL NON PROGRAM REVENUES	21,033,930	19,875,400	(5.5)%	(65,866,560)	(64,839,900)	1.6%	(44,832,630)	(44,964,500)	(131,870)	(0.3)%	
TOTAL LEVY REQUIREMENT	1,532,828,430	1,570,355,480	2.4%	(674,847,830)	(683,568,090)	(1.3)%	857,980,600	886,787,390	28,806,790	3.4%	
AVERAGE RESIDENTIAL MUNICIPAL TAX IMPACT (including growth)										2.5%	

*Anomalies in amounts due to rounding

APPENDIX "5"
2019 APPROVED
TAX OPERATING BUDGET:
COMPLEMENT SUMMARY

**CITY OF HAMILTON
2019 APPROVED
TAX OPERATING BUDGET COMPLEMENT**

	2018 Restated Budget	2019 Council Approved	2019 Approved vs. 2018 Restated	
			FTE	%
<u>PLANNING & ECONOMIC DEVELOPMENT</u>				
General Manager	11.00	10.00	(1.00)	(9.1)%
Transportation, Planning and Parking	137.34	138.24	0.90	0.7%
Building	108.32	108.32	0.00	0.0%
Economic Development	39.53	40.53	1.00	2.5%
Growth Management	56.34	56.34	0.00	0.0%
Licensing & By-Law Services	109.55	111.15	1.60	1.5%
LRT Office	22.25	18.25	(4.00)	(18.0)%
Planning	78.00	78.00	0.00	0.0%
Tourism & Culture	72.29	73.29	1.00	1.4%
Total Planning & Economic Development	634.62	634.12	(0.50)	(0.1)%

*Anomalies in amounts due to rounding

**CITY OF HAMILTON
2019 APPROVED
TAX OPERATING BUDGET COMPLEMENT**

	2018 Restated Budget	2019 Council Approved	2019 Approved vs. 2018 Restated	
			FTE	%
<u>HEALTHY AND SAFE COMMUNITIES</u>				
HSC Administration	31.50	32.50	1.00	3.2%
Children's Services and Neighbourhood Development	94.00	94.00	0.00	0.0%
Ontario Works	270.00	266.00	(4.00)	(1.5)%
Housing Services	54.00	54.00	0.00	0.0%
Long Term Care	458.55	458.55	0.00	0.0%
Recreation	455.23	454.23	(1.00)	(0.2)%
Hamilton Fire Department	586.30	586.30	0.00	0.0%
Hamilton Paramedic Service	301.86	314.36	12.50	4.1%
Public Health Services	395.55	393.85	(1.70)	(0.4)%
Total Healthy and Safe Communities	2,646.99	2,653.79	6.80	0.3%

*Anomalies in amounts due to rounding

**CITY OF HAMILTON
2019 APPROVED
TAX OPERATING BUDGET COMPLEMENT**

	2018 Restated Budget	2019 Council Approved	2019 Approved vs. 2018 Restated	
			FTE	%
<u>PUBLIC WORKS</u>				
PW - General Administration	9.00	7.00	(2.00)	(22.2)%
Energy Fleet and Facilities	169.65	170.60	0.95	0.6%
Engineering Services	125.33	124.33	(1.00)	(0.8)%
Environmental Services	496.60	499.83	3.23	0.7%
Transit	731.21	756.71	25.50	3.5%
Transportation Operations & Maintenance	399.66	397.26	(2.40)	(0.6)%
Total Public Works	1,931.45	1,955.73	24.28	1.3%
<u>LEGISLATIVE</u>				
Mayors Office	6.00	6.00	0.00	0.0%
Ward Budgets	18.00	16.00	(2.00)	(11.1)%
Total Legislative	24.00	22.00	(2.00)	(8.3)%
<u>CITY MANAGER</u>				
Audit Services	7.00	7.00	0.00	0.0%
Human Resources	75.50	77.00	1.50	2.0%
Strategic Partnerships & Communications	26.60	30.00	3.40	12.8%
CMO - Administration	3.00	3.00	0.00	0.0%
Total City Manager	112.10	117.00	4.90	4.4%

*Anomalies in amounts due to rounding

**CITY OF HAMILTON
2019 APPROVED
TAX OPERATING BUDGET COMPLEMENT**

	2018 Restated Budget	2019 Council Approved	2019 Approved vs. 2018 Restated	
			FTE	%
<u>CORPORATE SERVICES</u>				
Corporate Services - Administration	2.00	2.00	0.00	0.0%
Customer Service	91.47	91.47	0.00	0.0%
Financial Planning, Admin & Policy	82.50	82.50	0.00	0.0%
Financial Services	79.08	80.08	1.00	1.3%
Information Technology	83.75	94.00	10.25	12.2%
Legal Services	61.00	63.00	2.00	3.3%
City Clerk's Office	28.00	28.00	0.00	0.0%
Total Corporate Services	427.80	441.05	13.25	3.1%
Total Corporate Financials - Expenditures¹	0.00	1.00	1.00	0.0%
¹ Operating Impacts from Capital				
TOTAL CITY COMPLEMENT	5,776.96	5,824.69	47.73	0.8%
<u>BOARDS & AGENCIES</u>				
Library	298.87	297.98	(0.89)	(0.3)%
Police Services	1,118.50	1,145.50	27.00	2.4%
Other	4.19	4.19	0.00	0.0%
Total Boards & Agencies	1,421.56	1,447.67	26.11	1.8%
TOTAL COMPLEMENT	7,198.52	7,272.36	73.84	1.0%

*Anomalies in amounts due to rounding



**2019
Rate
Supported
Operating
Budget**

APPENDIX “6”
2019 APPROVED
RATE OPERATING BUDGET:
SUMMARY

CITY OF HAMILTON
2019 HAMILTON WATER OPERATING BUDGET
COMBINED WATER, WASTEWATER AND STORM

	2018	2018	2019	2019	2019	CHANGE		CHANGE	
	RESTATED BUDGET	ACTUAL	MAINTENANCE BUDGET	PROGRAM CHANGE	APPROVED BUDGET	2018 ACTUAL / 2018 RESTATED BUDGET	%	2019 APPROVED / 2018 RESTATED BUDGET	%
	\$	\$	\$	\$	\$	\$	%	\$	%
OPERATING EXPENDITURES:									
Environmental Services									
Divisional Administration & Support	2,079,860	1,940,987	2,242,620	-	2,242,620	138,873	6.7%	162,760	7.8%
Woodward Upgrades	1,220,310	1,470,186	1,524,540	-	1,524,540	(249,876)	(20.5%)	304,230	24.9%
Customer Service	432,400	298,863	421,610	-	421,610	133,537	30.9%	(10,790)	(2.5%)
Outreach & Education	1,325,620	1,199,707	1,350,860	-	1,350,860	125,913	9.5%	25,240	1.9%
Service Co-ordination	3,110,320	2,810,260	4,401,610	-	4,401,610	300,060	9.6%	1,291,290	41.5%
Engineering Systems & Data Collection	1,278,170	851,359	1,286,870	-	1,286,870	426,811	33.4%	8,700	0.7%
Compliance & Regulations	798,230	773,531	871,210	-	871,210	24,699	3.1%	72,980	9.1%
Laboratory Services	3,449,120	3,283,790	3,527,640	-	3,527,640	165,330	4.8%	78,520	2.3%
Environmental Monitoring & Enforcement	1,755,150	1,682,073	1,818,020	-	1,818,020	73,077	4.2%	62,870	3.6%
Water Distribution & Wastewater Collection	21,484,360	17,488,715	21,369,840	-	21,369,840	3,995,645	18.6%	(114,520)	(0.5%)
Plant Operations & Maintenance	43,041,230	35,593,387	41,383,390	-	41,383,390	7,447,843	17.3%	(1,657,840)	(3.9%)
Capital Delivery	1,865,830	1,402,682	1,859,660	-	1,859,660	463,148	24.8%	(6,170)	(0.3%)
Sustainable Initiatives	1,470,340	1,116,200	1,497,370	-	1,497,370	354,140	24.1%	27,030	1.8%
Infrastructure Planning & System Design	2,459,220	1,840,621	2,464,770	-	2,464,770	618,599	25.2%	5,550	0.2%
Wastewater Abatement Program	1,000,000	1,191,820	1,150,000	-	1,150,000	(191,820)	(19.2%)	150,000	15.0%
Alectra Utilities Service Contract	5,559,720	5,245,375	5,700,000	-	5,700,000	314,345	5.7%	140,280	2.5%
Corporate & Departmental Support Services	6,145,090	6,343,451	6,432,040	-	6,432,040	(198,361)	(3.2%)	286,950	4.7%
Utilities Arrears Program	500,000	500,000	500,000	-	500,000	-	0.0%	-	-
Gapping Target	-	-	(300,000)	-	(300,000)	-	-	(300,000)	-
Sewer Lateral Management Program	500,000	384,773	500,000	-	500,000	115,227	23.0%	-	-
Hamilton Harbour Remedial Action Plan	305,000	268,951	395,000	-	395,000	36,049	11.8%	90,000	29.5%
Protective Plumbing Program (3P)	2,000,000	890,489	1,250,000	-	1,250,000	1,109,511	55.5%	(750,000)	(37.5%)
Financial Charges	188,210	(27,803)	177,000	-	177,000	216,013	114.8%	(11,210)	(6.0%)
	101,968,180	86,549,417	101,824,050	-	101,824,050	15,418,763	15.1%	(144,130)	(0.1%)
Capital and Reserve Recoveries	(8,678,950)	(5,473,858)	(6,099,580)	-	(6,099,580)	(3,205,092)	36.9%	2,579,370	(29.7%)
Sub-Total Environmental Services	93,289,230	81,075,559	95,724,470	-	95,724,470	12,213,671	13.1%	2,435,240	2.6%

*Anomalies in amounts due to rounding

CITY OF HAMILTON
2019 HAMILTON WATER OPERATING BUDGET
COMBINED WATER, WASTEWATER AND STORM

	2018 RESTATED BUDGET	2018 ACTUAL	2019 MAINTENANCE BUDGET	2019 PROGRAM CHANGE	2019 APPROVED BUDGET	CHANGE 2018 ACTUAL / 2018 RESTATED BUDGET		CHANGE 2019 APPROVED / 2018 RESTATED BUDGET	
	\$	\$	\$	\$	\$	\$	%	\$	%
<u>OPERATING EXPENDITURES:</u>									
<u>Capital and Reserve Impacts on Operating</u>									
<u>Contributions to Capital</u>									
Water Quality Initiatives	36,982,000	36,982,000	51,762,000	-	51,762,000	-	-	14,780,000	40.0%
Wastewater	45,474,000	45,475,000	42,837,000	-	42,837,000	(1,000)	(0)	(2,637,000)	(5.8%)
Stormwater	8,516,000	8,516,000	3,205,000	-	3,205,000	-	-	(5,311,000)	(62.4%)
Sub-Total Contributions to Capital	90,972,000	90,973,000	97,804,000	-	97,804,000	(1,000)	(0)	6,832,000	7.5%
<u>Contributions for DC Exemptions</u>									
Water Quality Initiatives	2,547,000	2,697,279	2,547,000	-	2,547,000	(150,279)	(0)	-	0.0%
Wastewater	4,590,000	4,071,609	4,590,000	-	4,590,000	518,391	0	-	0.0%
Stormwater	1,863,000	2,231,112	1,863,000	-	1,863,000	(368,112)	(0)	-	0.0%
Sub-Total Contributions for DC Exemptions	9,000,000	9,000,000	9,000,000	-	9,000,000	-	-	-	0.0%
<u>Capital Debt Charges</u>									
Water Quality Initiatives	9,448,542	6,626,310	9,762,487	-	9,762,487	2,822,232	29.9%	313,945	3.3%
Wastewater	8,737,296	7,103,042	10,120,380	-	10,120,380	1,634,254	18.7%	1,383,084	15.8%
Stormwater	1,839,143	783,119	3,950,054	-	3,950,054	1,056,024	57.4%	2,110,911	114.8%
DC Debt Charges Recoveries	(2,917,437)	(162,840)	(4,467,237)	-	(4,467,237)	(2,754,597)	94.4%	(1,549,800)	53.1%
Sub-Total Debt Charges	17,107,544	14,349,631	19,365,685	-	19,365,685	2,757,913	16.1%	2,258,141	13.2%
Sub-Total Capital Financing	117,079,544	114,322,631	126,169,685	-	126,169,685	2,756,913	2.4%	9,090,141	7.8%
Reserve Transfers	494,513	200,041	365,324	-	365,324	294,472	59.5%	(129,189)	(26.1%)
Sub-Total Capital and Reserve Impacts on Operating	117,574,058	114,522,672	126,535,009	-	126,535,009	3,051,386	2.6%	8,960,951	7.6%
TOTAL EXPENDITURES	210,863,288	195,598,231	222,259,479	-	222,259,479	15,265,057	7.2%	11,396,191	5.4%

*Anomalies in amounts due to rounding

CITY OF HAMILTON
2019 HAMILTON WATER OPERATING BUDGET
COMBINED WATER, WASTEWATER AND STORM

	2018 RESTATE D BUDGET	2018 ACTUAL	2019 MAINTENANCE BUDGET	2019 PROGRAM CHANGE	2019 APPROVED BUDGET	CHANGE 2018 ACTUAL / 2018 RESTATE D BUDGET		CHANGE 2019 APPROVED / 2018 RESTATE D BUDGET	
	\$	\$	\$	\$	\$	\$	%	\$	%
OPERATING EXPENDITURES:									
REVENUES:									
Rate Revenue									
Residential	92,860,600	92,841,868	97,938,766	-	97,938,766	(18,732)	(0.0%)	5,078,166	5.5%
Industrial/Commercial/Institutional/Multi-res	102,918,990	101,925,999	107,752,759	-	107,752,759	(992,991)	(1.0%)	4,833,769	4.7%
Haldimand	2,196,300	2,148,487	2,353,282	-	2,353,282	(47,813)	(2.2%)	156,982	7.1%
Halton	237,458	257,914	247,782	-	247,782	20,456	8.6%	10,324	4.3%
Raw Water	2,000	-	150,000	-	150,000	(2,000)	(100.0%)	148,000	7400.0%
Non-Metered	550,000	1,586,239	580,000	-	580,000	1,036,239	188.4%	30,000	5.5%
Private Fire Lines	1,350,000	1,476,366	1,550,000	-	1,550,000	126,366	9.4%	200,000	14.8%
Hauler / 3rd Party Sales	1,475,000	1,601,939	1,225,000	-	1,225,000	126,939	8.6%	(250,000)	(16.9%)
Overstrength Agreements	2,249,480	2,232,460	2,249,480	-	2,249,480	(17,020)	(0.8%)	-	0.0%
Sewer Surcharge Agreements	4,000,000	5,210,235	5,200,000	-	5,200,000	1,210,235	30.3%	1,200,000	30.0%
Sub-Total Utility Rates	207,839,828	209,281,505	219,247,069	-	219,247,069	1,441,679	0.7%	11,407,241	5.5%
Non-Rate Revenue									
Local Improvement Recoveries	275,850	95,248	275,850	-	275,850	(180,602)	(1)	-	-
Permits / Leases / Agreements	1,439,600	985,733	1,365,050	-	1,365,050	(453,867)	(0)	(74,550)	(5.2%)
Investment Income	450,000	450,000	450,000	-	450,000	-	0.0%	-	-
General Fees and Recoveries	858,010	1,252,945	921,510	-	921,510	394,935	46.0%	63,500	7.4%
Sub-Total Non-Rate Revenue	3,023,460	2,783,927	3,012,410	-	3,012,410	(239,534)	(7.9%)	(11,050)	(.4%)
TOTAL REVENUES	210,863,288	212,065,432	222,259,479	-	222,259,479	1,202,144	0.6%	11,396,191	5.4%
NET EXPENDITURES	-	(16,467,202)	-	-	-	16,467,202	-	-	-

*Anomalies in amounts due to rounding

APPENDIX "7"
2019 APPROVED
RATE OPERATING BUDGET:
COMPLEMENT SUMMARY

CITY OF HAMILTON
2019 APPROVED BUDGET
RATE OPERATING BUDGET COMPLEMENT

	2018 Restated Budget	2019 Approved Budget	2019 Approved vs. 2018 Restated	
			FTE	%
<u>RATE SUPPORTED STAFF</u>				
Director Hamilton Water	3.00	3.00	0.00	0.0%
WWW Operations Director	2.00	2.00	0.00	0.0%
Woodward Upgrades	10.00	11.00	1.00	10.0%
Customer Service & Community Outreach	2.00	2.00	0.00	0.0%
Education & Outreach	5.65	5.65	0.00	0.0%
Service Co-ordination	22.00	21.00	-1.00	-4.5%
Engineering Systems & Data Collection	9.00	9.00	0.00	0.0%
Compliance & Regulations	6.00	7.00	1.00	16.7%
Laboratory Services	26.00	26.00	0.00	0.0%
Environmental Monitoring & Enforcement	13.00	13.00	0.00	0.0%
Water Distribution (WD) & Wastewtr Collection (WWC)	5.00	6.00	1.00	20.0%
WD & WWC Contracts	20.00	20.00	0.00	0.0%
WD & WWC Construction	23.00	23.00	0.00	0.0%
WD & WWC Maintenance	20.00	20.00	0.00	0.0%
WD & WWC Operations	20.00	20.00	0.00	0.0%
WWW Planning & Capital Director	2.00	2.00	0.00	0.0%
Sustainable Initiatives	7.00	7.00	0.00	0.0%
Plant Operations & Maintenance	6.00	8.00	2.00	33.3%
Plant Maintenance	36.00	35.00	-1.00	-2.8%
Plant Operations	37.00	37.00	0.00	0.0%
Capital Delivery	10.00	13.00	3.00	30.0%
Infrastructure Planning and System Design	16.00	17.00	1.00	6.3%
TOTAL RATE SUPPORTED STAFF	300.65	307.65	7.00	2.3%

**2019
Capital
Budgets**

APPENDIX “8”

**2019 TAX CAPITAL BUDGET &
FINANCING PLAN:**

SUMMARY REPORT

CITY OF HAMILTON
2019 TAX CAPITAL BUDGET & FINANCING PLAN (0.52% LEVY INCREASE)
(\$000's)

City Ward	Project Number	Project Description	DC Debt	Gross Costs	Grants And Subsidies	Other External Revenue	Dev Charges (Inc Debt)	Reserves	WIP Reserves	WIP Other / Other Internal	WIP Debt	Net Cost	Financing Sources				
													From Operating	Debt	Federal Gas Tax	Other: Reserves Future Fund Dividends	
<u>City Manager</u>																	
City Manager																	
City Wide	3381959501	Digital Office: Smart City and Digital Transformation Program		1,000	-	-	-	-	-	-	-	1,000	1,000	-	-	-	
City Wide	3381959502	City Hall Digital Sign Replacement		125	-	-	-	-	-	-	-	125	125	-	-	-	
City Manager Total:				1,125	-	-	-	-	-	-	-	1,125	1,125	-	-	-	
Human Resources																	
	2051959703	Performance and Learning Management System		250	-	-	-	-	-	-	-	250	250	-	-	-	
Human Resources Total:				250	-	-	-	-	-	-	-	250	250	-	-	-	
<u>City Manager Total:</u>				1,375	-	-	-	-	-	-	-	1,375	1,375	-	-	-	
<u>Corporate Services</u>																	
Customer Service & POA																	
City Wide	2051957901	Corporate Wide Customer Experience Feedback Program		286	-	-	-	-	-	-	-	286	286	-	-	-	
Customer Service & POA Total:				286	-	-	-	-	-	-	-	286	286	-	-	-	
Finance																	
City Wide	2051580510	DC Exemptions Recovery		6,500	-	-	-	-	-	-	-	6,500	6,500	-	-	-	
Finance Total:				6,500	-	-	-	-	-	-	-	6,500	6,500	-	-	-	
Information Technology (IT)																	
City Wide	3501757702	Network Infrastructure Sustainability and Continuous Improvement		194	-	-	-	-	-	-	-	194	194	-	-	-	
City Wide	3501857801	IT Strategy and Enterprise Architecture		390	-	-	-	-	-	-	-	390	390	-	-	-	
City Wide	3501957909	IT Strategy - Strategic Theme Integrated & Connected		50	-	-	-	-	-	-	-	50	50	-	-	-	
City Wide	3501857806	Data Centre HVAC		200	-	-	-	-	-	-	-	200	200	-	-	-	
City Wide	3501657602	IT Security		156	-	-	-	-	-	-	-	156	156	-	-	-	
City Wide	3501957903	IT Strategy - Strategic Theme Mobility		50	-	-	-	25	-	-	-	25	25	-	-	-	
City Wide	3501957905	IT Strategy - Strategic Theme Enabling Our People		600	-	-	-	-	-	-	-	600	600	-	-	-	
City Wide	3501957906	IT Strategy - Strategic Theme IT Optimization		100	-	-	-	-	-	-	-	100	100	-	-	-	
City Wide	3501957907	Business Systems and Services Continuity Plan		100	-	-	-	-	-	-	-	100	100	-	-	-	
City Wide	3501957910	Messaging (Email) Platform Migration		596	-	-	-	596	-	-	-	-	-	-	-	-	
Information Technology (IT) Total:				2,436	-	-	-	621	-	-	-	1,815	1,815	-	-	-	
<u>Corporate Services Total:</u>				9,222	-	-	-	621	-	-	-	8,601	8,601	-	-	-	
<u>Council Initiatives</u>																	
Council Strategic Projects																	
City Wide	2110953900	Randle Reef Rehabilitation Project		375	-	-	-	-	-	-	-	375	375	-	-	-	
City Wide	2111956401	Parkland Acquisition		1,500	-	-	-	-	-	-	-	1,500	1,500	-	-	-	
Council Strategic Projects Total:				1,875	-	-	-	-	-	-	-	1,875	1,875	-	-	-	
<u>Council Initiatives Total:</u>				1,875	-	-	-	-	-	-	-	1,875	1,875	-	-	-	
<u>Healthy and Safe Communities</u>																	

*Anomalies in amounts due to rounding

CITY OF HAMILTON
2019 TAX CAPITAL BUDGET & FINANCING PLAN (0.52% LEVY INCREASE)
(\$000's)

City Ward	Project Number	Project Description	DC Debt	Gross Costs	Grants And Subsidies	Other External Revenue	Dev Charges (Inc Debt)	Reserves	WIP Reserves	WIP Other / Other Internal	WIP Debt	Net Cost	Financing Sources				
													From Operating	Debt	Federal Gas Tax	Other: Reserves Future Fund Dividends	
Hamilton Fire Department																	
City Wide	7401941603	Multi Agency Training Centre - Facility Upgrades		250	-	-	-	-	-	-	-	250	250	-	-	-	
	2	Station 13 Renovation		100	-	-	-	-	-	-	-	100	100	-	-	-	
City Wide	7401951600	Annual Fire Equipment Replacement		1,268	-	-	-	1,268	-	-	-	-	-	-	-	-	
City Wide	7401951602	Ice Water Rescue		200	-	-	-	-	-	-	-	200	200	-	-	-	
	15	Flamborough/Carlisle/Waterdown Fire&Paramedic Station (DC DEBT)	*	1,500	-	-	1,500	-	-	-	-	-	-	-	-	-	
City Wide	7401951601	Annual Fire Vehicle Replacement		5,405	-	-	-	5,405	-	-	-	-	-	-	-	-	
Hamilton Fire Department Total:				8,723	-	-	1,500	6,673	-	-	-	550	550	-	-	-	
Hamilton Paramedic Service																	
City Wide	7641951101	Annual Paramedic Service Equipment Replacement		265	-	-	-	265	-	-	-	-	-	-	-	-	
City Wide	7641951102	Paramedic Helmet Replacement		172	-	-	-	-	-	-	-	172	172	-	-	-	
City Wide	7641951100	Annual Paramedic Service Vehicle Replacement		1,269	-	-	-	1,269	-	-	-	-	-	-	-	-	
City Wide	7641951103	Ambulance Enhancement		260	-	-	-	-	-	-	-	260	260	-	-	-	
Hamilton Paramedic Service Total:				1,966	-	-	-	1,534	-	-	-	432	432	-	-	-	
Healthy and Safe Communities- Other Divisions																	
	2051255204	Neighbourhood Strategy		235	-	-	-	-	-	235	-	-	-	-	-	-	
City Wide	6501941100	Human Services Integration - Continuous Improvement Projects		160	-	-	-	-	-	-	-	160	160	-	-	-	
City Wide	6731641601	Hamilton's Community Bed Bug Strategy		158	-	-	-	-	-	-	-	158	158	-	-	-	
Healthy and Safe Communities- Other Divisions Total:				553	-	-	-	-	-	235	-	318	318	-	-	-	
Housing Services																	
City Wide	6731741609	Poverty Reduction Investment (PRI) - Affordable Rental Housing Construction		4,000	-	-	-	-	-	-	-	4,000	-	-	-	4,000	
City Wide	6731841610	Poverty Reduction Investment (PRI) - Indigenous Poverty Reduction		1,000	-	-	-	-	-	-	-	1,000	-	-	-	1,000	
City Wide	6731841611	Poverty Reduction Investment (PRI) - Social Housing Repairs & Renovations		2,000	-	-	-	-	-	-	-	2,000	-	-	-	2,000	
City Wide	6731941302	Social Housing Capital Repairs and Regeneration		500	-	-	-	-	-	-	-	500	500	-	-	-	
Housing Services Total:				7,500	-	-	-	-	-	-	-	7,500	500	-	-	7,000	
Long Term Care Homes																	
City Wide	6301841001	ML - Roof Replacement		753	-	-	-	253	-	-	-	500	500	-	-	-	
City Wide	6301841801	WL - 1989 Wing Roof Replacement		332	-	-	-	332	-	-	-	-	-	-	-	-	
City Wide	6301841802	ML - D Wing- Refurbishment		60	-	-	-	60	-	-	-	-	-	-	-	-	
City Wide	6301941001	WL - Main Entrance Redesign		50	-	-	-	50	-	-	-	-	-	-	-	-	
City Wide	6301941002	WL - Dish Room/Physio & Salon Exhaust & Supply		25	-	-	-	25	-	-	-	-	-	-	-	-	
City Wide	6301941003	WL - Radiant Heating Panel/Thermostat Controls		25	-	-	-	25	-	-	-	-	-	-	-	-	
City Wide	6301941006	WL - Servery Retrofit (Cabinet and Counter Replacement)		30	-	-	-	30	-	-	-	-	-	-	-	-	
City Wide	6301951002	ML & WL - Annual Resident Care Equipment Replacement		80	-	-	-	80	-	-	-	-	-	-	-	-	
City Wide	6301951005	ML - Rooftop Unit (HVAC) Replacement		80	-	-	-	80	-	-	-	-	-	-	-	-	

*Anomalies in amounts due to rounding

CITY OF HAMILTON 2019 TAX CAPITAL BUDGET & FINANCING PLAN (0.52% LEVY INCREASE) (\$000's)

City Ward	Project Number	Project Description	DC Debt	Gross Costs	Grants And Subsidies	Other External Revenue	Dev Charges (Inc Debt)	Reserves	WIP Reserves	WIP Other / Other Internal	WIP Debt	Net Cost	Financing Sources			
													From Operating	Debt	Federal Gas Tax	Other: Reserves Future Fund Dividends
Long Term Care Homes Total:				1,435	-	-	-	935	-	-	-	500	500	-	-	-
Healthy and Safe Communities Total:				20,177	-	-	1,500	9,142	-	235	-	9,300	2,300	-	-	7,000
Outside Boards & Agencies																
CityHousing Hamilton																
City Wide	6181941602	City Housing Contribution		500	-	-	-	-	-	-	-	500	500	-	-	-
CityHousing Hamilton Total:				500	-	-	-	-	-	-	-	500	500	-	-	-
H.C.A. & Westfield Heritage Village																
City Wide	3801956100	Hamilton Conservation Authority Critical and Safety Projects		1,850	-	-	-	-	-	-	-	1,850	-	-	-	1,850
City Wide	3801958902	Westfield Heritage Village - Critical and/or Safety Projects		150	-	-	-	-	-	-	-	150	-	-	-	150
H.C.A. & Westfield Heritage Village Total:				2,000	-	-	-	-	-	-	-	2,000	-	-	-	2,000
Hamilton Beach Rescue (HBRU)																
City Wide	2861951700	HBRU Renovations & Equipment Purchases		70	-	-	-	70	-	-	-	-	-	-	-	-
Hamilton Beach Rescue (HBRU) Total:				70	-	-	-	70	-	-	-	-	-	-	-	-
Hamilton Public Library																
13	7501741610	New Library - Greensville		625	-	-	250	95	-	-	-	280	280	-	-	-
9	7501741601	Valley Park Library Expansion (DC DEBT \$120)	*	1,100	-	-	440	220	-	-	-	440	440	-	-	-
Hamilton Public Library Total:				1,725	-	-	690	315	-	-	-	720	720	-	-	-
Police Services																
2, 5, 7	3761951812	Hamilton Police Stations- Roof Repairs and HVAC		850	-	-	-	-	-	-	-	850	-	850	-	-
City Wide	3761957805	Police Computer Aided Dispatch (CAD) Upgrade		300	-	-	-	-	-	-	-	300	300	-	-	-
City Wide	3761951811	Conducted Energy Weapons (CEW)		335	-	-	-	-	-	-	-	335	335	-	-	-
Police Services Total:				1,485	-	-	-	-	-	-	-	1,485	635	850	-	-
Outside Boards & Agencies Total:				5,780	-	-	690	385	-	-	-	4,705	1,855	850	-	2,000
Planning & Economic Development																
Economic Development																
City Wide	3621708900	Economic Development Initiatives		765	-	-	-	-	-	-	-	765	765	-	-	-
Economic Development Total:				765	-	-	-	-	-	-	-	765	765	-	-	-
Growth Management																
City Wide	4141946100	City Share of Servicing Costs under Subdivision Agreements		3,000	-	-	3,000	-	-	-	-	-	-	-	-	-
Growth Management Total:				3,000	-	-	3,000	-	-	-	-	-	-	-	-	-
Licensing & By-Law Services																
City Wide	4501955900	Digital Signage Strategy		90	-	-	-	-	-	-	-	90	90	-	-	-
City Wide	4501957900	Handheld Ticketing Device-System Integration		200	-	-	-	-	-	100	-	100	100	-	-	-
City Wide	4501951900	Vehicle Purchases - Licensing		90	-	90	-	-	-	-	-	-	-	-	-	-
Licensing & By-Law Services Total:				380	-	90	-	-	-	100	-	190	190	-	-	-
Parking Services																
City Wide	4901957900	Online Parking Permitting Module		100	-	-	-	100	-	-	-	-	-	-	-	-
City Wide	4901445100	Parking Lots - Surface Repairs		100	-	-	-	100	-	-	-	-	-	-	-	-

*Anomalies in amounts due to rounding

CITY OF HAMILTON
2019 TAX CAPITAL BUDGET & FINANCING PLAN (0.52% LEVY INCREASE)
(\$000's)

City Ward	Project Number	Project Description	DC Debt	Gross Costs	Grants And Subsidies	Other External Revenue	Dev Charges (Inc Debt)	Reserves	WIP Reserves	WIP Other / Other Internal	WIP Debt	Net Cost	Financing Sources				
													From Operating	Debt	Federal Gas Tax	Other: Reserves Future Fund Dividends	
City Wide	4901945900	Waterproofing Membrane Replacement - Convention Centre Parking Garage		50	-	-	-	50	-	-	-	-	-	-	-	-	-
City Wide	4901751700	Parking Payment Equipment		100	-	-	-	100	-	-	-	-	-	-	-	-	-
City Wide	4901957901	Pay-on-Foot System Replacement - York Blvd Parkade and Convention Centre Parking Garage		550	-	-	-	550	-	-	-	-	-	-	-	-	-
2	4501941900	Parking Control Squad Room		30	-	-	-	30	-	-	-	-	-	-	-	-	-
City Wide	4901955900	Parking Master Plan Consultant		200	-	-	135	65	-	-	-	-	-	-	-	-	-
Parking Services Total:				1,130	-	-	135	995	-	-	-	-	-	-	-	-	-
Planning Services																	
City Wide	8121957900	3D Model Development		120	-	-	108	-	-	-	-	12	12	-	-	-	-
City Wide	8121957901	Digital Planning Applications		385	-	-	135	-	-	-	-	250	250	-	-	-	-
City Wide	8120955900	Community Planning Studies		100	-	-	31	-	-	-	-	69	69	-	-	-	-
City Wide	8121255620	Part IV Designation of Properties under the Ontario Heritage Act		31	-	-	-	-	-	-	-	31	31	-	-	-	-
City Wide	8121755700	Woodland Protection Strategy		175	-	-	157	-	-	-	-	18	18	-	-	-	-
City Wide	8121755706	Planning & Zoning Growth Area		525	-	-	472	-	-	-	-	53	53	-	-	-	-
City Wide	8141655600	City Wide Employment Survey		100	-	-	90	-	-	-	-	10	10	-	-	-	-
Planning Services Total:				1,436	-	-	993	-	-	-	-	443	443	-	-	-	-
Tourism & Culture																	
2	7201841803	St. Mark's Interior Restoration		1,000	-	-	-	-	-	-	-	1,000	1,000	-	-	-	-
City Wide	7201858802	Art and Monuments		55	-	-	-	-	-	-	-	55	55	-	-	-	-
5	7101741707	Battlefield Barn Restoration		500	-	-	-	500	-	-	-	-	-	-	-	-	-
City Wide	7201658600	Collections Registration Preservation Project		55	-	-	-	-	-	-	-	55	55	-	-	-	-
City Wide	7201941903	Gage House Porch and Exterior Cladding		440	-	-	-	-	-	-	-	440	440	-	-	-	-
City Wide	7201941905	Dundurn Coachhouse Interior Improvements		92	-	-	-	-	-	-	92	-	-	-	-	-	-
4	7201958904	Steam Museum Landscape Restoration		152	-	-	-	-	-	-	-	152	152	-	-	-	-
Tourism & Culture Total:				2,294	-	-	-	500	-	-	92	1,702	1,702	-	-	-	-
Urban Renewal																	
City Wide	8201703706	Community Downtowns and BIAs		224	-	-	-	-	-	-	-	224	224	-	-	-	-
City Wide	3621708002	Brownfield Development		200	-	-	-	-	-	-	-	200	200	-	-	-	-
City Wide	8201641800	Heritage Property Improvement Grants		870	-	-	-	-	-	-	-	870	870	-	-	-	-
2, 3, 4	8201703700	Barton/Kenilworth Commercial Corridor Building Grant Program		200	-	-	-	-	-	-	-	200	200	-	-	-	-
2, 3, 4	8201703701	Barton and Kenilworth Rebate of Planning and Building Fees		100	-	-	-	-	-	-	-	100	100	-	-	-	-
City Wide	8201703703	(BIA) Commercial Property Improvement Grant Program		406	-	-	-	-	-	-	-	406	406	-	-	-	-
City Wide	8201703704	Commercial Property Improvement Grant Program		210	-	-	-	-	-	-	-	210	210	-	-	-	-
Urban Renewal Total:				2,210	-	-	-	-	-	-	-	2,210	2,210	-	-	-	-
Planning & Economic Development Total:				11,215	-	90	4,128	1,495	-	100	92	5,310	5,310	-	-	-	-
Public Works Tax Funded																	

*Anomalies in amounts due to rounding

CITY OF HAMILTON
2019 TAX CAPITAL BUDGET & FINANCING PLAN (0.52% LEVY INCREASE)
(\$'000's)

City Ward	Project Number	Project Description	DC Debt	Gross Costs	Grants And Subsidies	Other External Revenue	Dev Charges (Inc Debt)	Reserves	WIP Reserves	WIP Other / Other Internal	WIP Debt	Net Cost	Financing Sources				
													From Operating	Debt	Federal Gas Tax	Other: Reserves Future Fund Dividends	
Corporate Facilities																	
City Wide	3541849003	Backflow Prevention for Various Facilities		250	-	-	-	-	-	-	-	250	250	-	-	-	
2	3541941901	Capital Lifecycle Renewal - Hamilton Farmer's Market		550	-	-	-	-	-	-	-	550	550	-	-	-	
10	3541941910	Stoney Creek City Hall -RCMP Lease Capital Replacement		210	-	-	-	210	-	-	-	-	-	-	-	-	
2	3541741603	Central Library Window Replacement		1,200	-	-	-	-	-	500	-	700	700	-	-	-	
City Wide	3541941409	Program - Facilities Code & Legislative Compliance		650	-	-	-	-	-	-	-	650	650	-	-	-	
City Wide	3541941412	Program - Roof Management		800	-	-	-	-	-	-	-	800	800	-	-	-	
City Wide	3541941532	Program - Facility Capital Maintenance		450	-	-	-	-	-	-	-	450	450	-	-	-	
City Wide	3541941631	Program - Facilities Security		150	-	-	-	-	-	-	-	150	150	-	-	-	
City Wide	3541951900	Generator Compliance Testing and Upgrades		110	-	-	-	-	-	-	-	110	110	-	-	-	
City Wide	3541941013	Program - Firestations Facility Upgrade		300	-	-	-	-	-	-	-	300	300	-	-	-	
City Wide	3541941648	Program - Parking Lot Rehabilitation		600	-	-	-	-	-	-	-	600	600	-	-	-	
City Wide	3541955001	Program Yard Capital Renewal		300	-	-	-	-	-	-	-	300	300	-	-	-	
Corporate Facilities Total:				5,570	-	-	-	210	-	500	-	4,860	4,860	-	-	-	
Energy Initiatives																	
City Wide	7901941900	Traffic Operations Centre - LED lighting Upgrade		60	-	-	-	60	-	-	-	-	-	-	-	-	
City Wide	7901941901	Wentworth Operations Centre - LED Lighting Systems Upgrade (Interior)		30	-	-	-	30	-	-	-	-	-	-	-	-	
City Wide	7901941902	Lister Block - LED Lighting Upgrade		125	-	-	-	125	-	-	-	-	-	-	-	-	
City Wide	7901949000	Solar Wall - Norman Pinky Lewis Recreation Centre		117	-	-	-	117	-	-	-	-	-	-	-	-	
Energy Initiatives Total:				332	-	-	-	332	-	-	-	-	-	-	-	-	
Entertainment Facilities																	
2	3721841801	Program FirstOntario Concert Hall Replacements and Renovations		100	-	100	-	-	-	-	-	-	-	-	-	-	
2	3721941805	Program HCC, FOCH & FOC Lifecycle Renewal		539	-	-	-	-	-	-	-	539	539	-	-	-	
2	3721949902	Expansion Joint Replacement Commonwealth Square		250	83	-	-	83	-	-	-	84	84	-	-	-	
2	3721949901	Summer's Lane Structural Rehab & Pedestrianization		1,950	-	-	-	350	-	1,423	-	177	177	-	-	-	
Entertainment Facilities Total:				2,839	83	100	-	433	-	1,423	-	800	800	-	-	-	
Fleet Services																	
City Wide	4941951001	Shop Equipment Replacement		165	-	-	-	165	-	-	-	-	-	-	-	-	
City Wide	4941951004	Street Sweeper Purchase		730	-	-	-	730	-	-	-	-	-	-	-	-	
City Wide	4941951100	Fleet Vehicle&Equipment Replace Program		9,230	-	-	-	9,230	-	-	-	-	-	-	-	-	
Fleet Services Total:				10,125	-	-	-	10,125	-	-	-	-	-	-	-	-	
Forestry & Horticulture																	
City Wide	4451153001	Emerald Ash Borer (EAB) Management Plan Council Cost (Option 3)		2,600	-	-	-	-	-	-	-	2,600	2,600	-	-	-	
City Wide	4451853701	Gypsy Moth Monitoring and Management		550	-	-	-	550	-	-	-	-	-	-	-	-	
City Wide	4451953444	Tree Planting Program		1,345	-	-	-	-	-	-	-	1,345	1,345	-	-	-	
Forestry & Horticulture Total:				4,495	-	-	-	550	-	-	-	3,945	3,945	-	-	-	

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City Ward	Project Number	Project Description	DC Debt	Gross Costs	Grants And Subsidies	Other External Revenue	Dev Charges (Inc Debt)	Reserves	WIP Reserves	WIP Other / Other Internal	WIP Debt	Net Cost	Financing Sources				
													From Operating	Debt	Federal Gas Tax	Other: Reserves Future Fund Dividends	
O & M - Parks & Cemeteries																	
City Wide	4401949007	Cemetery Columbarium		70	-	-	-	70	-	-	-	-	-	-	-	-	-
City Wide	4401941001	Cemetery Building Repairs		115	-	-	-	-	-	-	-	115	115	-	-	-	-
City Wide	4401949107	Park Fencing Program		118	-	-	-	-	-	-	-	118	118	-	-	-	-
City Wide	4401949104	Park Sports/Security Lighting Upgrade Program		60	-	-	-	-	-	-	-	60	60	-	-	-	-
City Wide	4401949510	Spraypad Infrastructure Rehabilitation Program		70	-	-	-	-	-	-	-	70	70	-	-	-	-
City Wide	4401952600	Playground Lifecycle Replacement Program		400	-	-	-	200	-	-	-	200	200	-	-	-	-
City Wide	4401956001	Leash free Dog Park Program		80	-	-	-	80	-	-	-	-	-	-	-	-	-
City Wide	7201941902	Battlefield Park Bridge Replacement		500	-	-	-	-	-	-	-	500	500	-	-	-	-
City Wide	4401951601	Equipment Acquisition (DC) Program		247	-	-	247	-	-	-	-	-	-	-	-	-	-
City Wide	4401951700	Small Equipment Replacement (Reserve) Program		80	-	-	-	80	-	-	-	-	-	-	-	-	-
5	4401951903	Confederation Beach Park - Capital Maintenance Program		175	-	-	-	175	-	-	-	-	-	-	-	-	-
City Wide	4401949101	Park Pathway Resurfacing Program		215	-	-	-	-	-	-	-	215	215	-	-	-	-
15	4401955901	Memorial Park Storm Water Management Study		90	-	-	-	90	-	-	-	-	-	-	-	-	-
City Wide	4401952100	CSA Safety Material Replacement Program		175	-	-	-	25	-	-	-	150	150	-	-	-	-
City Wide	4401911601	Cemetery Roads Rehabilitation Program		100	-	-	-	-	-	-	-	100	100	-	-	-	-
City Wide	4401949504	Parkland Identification and Way Finding Signage		20	-	-	-	-	-	-	-	20	20	-	-	-	-
City Wide	4401954699	Tennis and Multi -use Court Rehabilitation Program		100	-	-	-	-	-	-	-	100	100	-	-	-	-
City Wide	4401955800	QC/CA - Parks and Cemeteries Material Testing		10	-	-	-	-	-	-	-	10	10	-	-	-	-
O & M - Parks & Cemeteries Total:				2,625	-	-	247	720	-	-	-	1,658	1,658	-	-	-	-
Open Space Development																	
6, 9	4401056060	Open Space Replacement Strategy-East Mtn Trail Loop		300	-	-	14	-	-	-	-	286	286	-	-	-	-
5	4401356801	Confederation Park Redevelopment (DC DEBT \$675)	*	2,364	-	-	2,127	-	-	-	-	237	237	-	-	-	-
12	4401756718	Ancaster Meadows Park (Proposed)		650	-	-	585	-	-	-	-	65	65	-	-	-	-
12	4401856806	Bookjans West Proposed Park (25T 200725) - Ancaster Glen		500	-	-	450	-	-	-	-	50	50	-	-	-	-
City Wide	4401955600	Parks Testing and Reporting		80	-	-	-	-	-	-	-	80	80	-	-	-	-
8	4401956600	Olmstead Natural Open Space - Monitoring		50	-	-	-	-	-	-	-	50	50	-	-	-	-
5	4401956802	Beach Park Development Program		100	-	-	-	-	-	-	-	100	100	-	-	-	-
9	4401956902	Red Hill Phase 3 and 4 Park		650	-	-	585	-	-	-	-	65	65	-	-	-	-
4	4401956904	Andrew Warburton Memorial Park		150	-	-	-	-	-	-	-	150	150	-	-	-	-
15	4401956906	Gatesbury Park		89	-	-	-	-	-	-	-	89	89	-	-	-	-
12	4401956910	Ancaster Soccer Improvements		350	-	-	-	-	-	-	-	350	350	-	-	-	-
12	4401956912	Meadowlands Community Park		65	-	-	58	-	-	-	-	7	7	-	-	-	-
13	4401956921	Johnson Tew Planting		50	-	-	-	-	-	-	-	50	50	-	-	-	-
1	4401956922	Alexander Park Skate Park		532	-	-	-	-	-	118	-	414	414	-	-	-	-
2	4401956925	City Hall Peace Garden		90	-	-	-	-	-	-	-	90	90	-	-	-	-
1	4401956926	HAAA - Implementation of Master Plan		171	-	-	-	-	-	-	-	171	171	-	-	-	-
City Wide	4401858800	Skatepark Facility - Recreation study implementation		127	-	-	-	-	-	-	-	127	127	-	-	-	-

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City Ward	Project Number	Project Description	DC Debt	Gross Costs	Grants And Subsidies	Other External Revenue	Dev Charges (Inc Debt)	Reserves	WIP Reserves	WIP Other / Other Internal	WIP Debt	Net Cost	Financing Sources			
													From Operating	Debt	Federal Gas Tax	Other: Reserves Future Fund Dividends
6, 7, 8, 9	4401756703	Mountain Brow Path		80	-	-	-	-	-	-	-	80	80	-	-	-
6	4401956903	Stonechurch Road Trail Link @ Dartnall		150	-	-	142	-	-	-	-	8	8	-	-	-
7	4401956929	HRTMP Initiative 7-1 - Limeridge Mall Hydro Corridor Trail		138	-	-	131	-	-	-	-	7	7	-	-	-
1, 2, 3, 4, 5, 10, 13	4401956930	City wide Shoreline Protection Measures		150	-	-	-	-	-	-	-	150	150	-	-	-
15	4401956932	HRTMP Initiative 15-12 Mountain Brow Road Link		43	-	-	41	-	-	-	-	2	2	-	-	-
15	4401956933	HRTMP Initiative 15-7: Highway 5 - Mountain Brow Link		613	-	-	551	-	-	-	-	62	62	-	-	-
1, 14	4401956934	Chedoke Falls Viewing Implementation		291	-	-	-	-	-	-	-	291	291	-	-	-
City Wide	4401856601	Legislated Monitoring		50	-	-	-	-	-	-	-	50	50	-	-	-
9	4401556503	Heritage Green Community Sports Park Implementation		500	-	-	-	-	-	133	-	367	367	-	-	-
Open Space Development Total:				8,333	-	-	4,684	-	-	251	-	3,398	3,398	-	-	-
Recreation Facilities																
City Wide	7101954536	Program - Arena Retrofits		300	-	-	-	-	-	-	-	300	300	-	-	-
6	7101954904	Mohawk Quad Pad Arena Roof Investigation		250	-	-	-	250	-	-	-	-	-	-	-	-
4	7101954908	Freon Upgrade at Parkdale Arena		1,600	-	-	-	-	-	-	-	1,600	1,600	-	-	-
2	7101841800	Parks North Yard at Bayfront Park		800	-	-	719	-	-	-	-	81	81	-	-	-
13	7101854807	Dundas Valley Community Park Improvement & Pavillion Feasibility		200	-	-	-	-	-	-	-	200	200	-	-	-
10	7101954907	Winona Recreation Centre Feasibility (New)		150	-	-	135	-	-	-	-	15	15	-	-	-
9	7101754706	Valley Park Community Centre Fit-up		1,500	-	-	1,215	-	-	-	-	285	285	-	-	-
7	7101954905	Sackville Hill Senior Expansion & Lifecycle Renewal		500	-	-	-	-	-	500	-	-	-	-	-	-
City Wide	7101941701	Program - Community Halls Retrofits		100	-	-	-	-	-	-	-	100	100	-	-	-
City Wide	7101954105	Program - Park & Fieldhouse Retrofits		100	-	-	-	-	-	-	-	100	100	-	-	-
4	7101558501	Parkdale Outdoor Pool Redevelopment & Expansion		2,000	-	-	150	-	-	-	-	1,850	1,850	-	-	-
13	7101654609	Greensville Recreation Centre/School		343	-	-	303	-	-	-	-	40	40	-	-	-
11	7101954901	Binbrook Recreation Centre Feasibility		100	-	-	90	-	-	-	-	10	10	-	-	-
5	7101954903	Riverdale Community Hub		2,000	2,000	-	-	-	-	-	-	-	-	-	-	-
11	7101954906	Mt. Hope New Recreation Facility		350	-	-	315	-	-	-	-	35	35	-	-	-
Recreation Facilities Total:				10,293	2,000	-	2,927	250	-	500	-	4,616	4,616	-	-	-
Roads																
<u>Asset Preservation</u>																
8	4031911018	Asset Preservation - Balfour Neighbourhood		2,400	-	-	-	-	-	-	-	2,400	240	-	2,160	-
8	4031911019	Asset Preservation - Buchanan Neighbourhood		1,700	-	-	-	-	-	-	-	1,700	170	-	1,530	-
14	4031911020	Asset Preservation - Mountview Neighbourhood (Southwest Section)		2,290	-	-	-	-	-	-	900	1,390	139	-	1,251	-
1	4031911021	Asset Preservation - Westdale South Neighbourhood (North Section)		2,517	-	-	-	-	-	2,517	-	-	-	-	-	-
7	4031919112	Bruceedale - Upper Wentworth to Upper Sherman (Eastmount Neighbourhood)		1,950	-	-	-	-	-	780	-	1,170	117	-	1,053	-
4	4031919115	Delena / Beland / Dunsmore		100	-	-	-	-	-	-	-	100	100	-	-	-

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													From Operating	Debt	Federal Gas Tax	Other: Reserves Future Fund Dividends
4	4031919118	Roxborough - Kenilworth to Strathearne (Homeside Neighbourhood)		100	-	-	-	-	-	-	-	100	100	-	-	-
2	4031919119	Sheaffe / Park / Mulberry (Central Neighbourhood (North))		2,710	-	-	-	-	-	910	-	1,800	180	-	1,620	-
<u>Asset Preservation Total:</u>				13,767	-	-	-	-	-	4,207	900	8,660	1,046	-	7,614	-
<u>Bridges & Structures</u>																
11	4031418437	Bridge 417 - Harrison Rd, 310m n/o Hall Rd		500	-	-	-	-	-	-	-	500	50	-	450	-
11	4031518360	Bridge 360 - Blackheath Rd, 360m n/o Haldibrook		580	-	-	-	-	-	-	-	580	58	-	522	-
11	4031518405	Bridge 405 - Blackheath Rd, 225m n/o Haldibrook Rd		550	-	-	-	-	-	-	-	550	55	-	495	-
13	4031618385	Bridge 385 - Westover Rd, 170m n/o Concession 4W		500	-	-	-	-	-	-	-	500	50	-	450	-
2, 7	4031817644	Claremont Access - Bin Wall Removal		280	-	-	-	-	-	-	-	280	280	-	-	-
11	4031818159	Bridge 159 - Regional Rd 56 to 615m s/o Hall Rd		170	-	-	-	-	-	-	-	170	170	-	-	-
11	4031818189	Bridge 189 - Regional Rd 56, 565 m s/o Kirk Rd		170	-	-	-	-	-	-	-	170	170	-	-	-
9	4031818366	Bridge 366 - Mud St W, 320m e/o Paramount Dr		1,000	-	-	-	-	-	-	-	1,000	100	-	900	-
11	4031818441	Bridge 441 - Harrison Rd - 665m n/o Hall Rd		580	-	-	-	-	-	-	-	580	58	-	522	-
3	4031917943	Sherman Access East Retaining Wall Replacement		170	-	-	-	-	-	-	-	170	170	-	-	-
5	4031918048	Bridge 048 - Jones St, 110m w/o King St E		30	-	-	-	-	-	-	-	30	30	-	-	-
11	4031918126	Bridge 126 - Regional Rd 56, 605m n/o Guyatt Rd		170	-	-	-	-	-	-	-	170	170	-	-	-
City Wide	4031918217	Bridge and Culvert Maintenance		2,000	-	-	-	-	-	-	-	2,000	-	-	-	2,000
13	4031918342	Bridge 342 - Westover Rd, 245m n/o Highway No. 8		170	-	-	-	-	-	-	-	170	170	-	-	-
11	4031918433	Bridge 433 - Westbrook Road, 135m n/o Regional Rd 9A		40	-	-	-	-	-	-	-	40	40	-	-	-
5, 10	4031918975	MTO/City Cost Shared Service Rd Culverts		2,000	-	-	-	-	-	-	-	2,000	2,000	-	-	-
<u>Bridges & Structures Total:</u>				8,910	-	-	-	-	-	-	-	8,910	3,571	-	3,339	2,000
<u>Computer Technology</u>																
City Wide	4031957944	18-055 PW Asset Management (PW-AM) System Evaluation		750	-	-	-	-	-	-	-	750	750	-	-	-
<u>Computer Technology Total:</u>				750	-	-	-	-	-	-	-	750	750	-	-	-
<u>Council Priority</u>																
1	4031911601	Council Priority - Ward 1 Minor Rehabilitation		200	-	-	-	-	-	-	-	200	-	-	-	200
2	4031911602	Council Priority - Ward 2 Minor Rehabilitation		200	-	-	-	-	-	-	-	200	-	-	-	200
3	4031911603	Council Priority - Ward 3 Minor Rehabilitation		200	-	-	-	-	-	-	-	200	-	-	-	200
4	4031911604	Council Priority - Ward 4 Minor Rehabilitation		200	-	-	-	-	-	-	-	200	-	-	-	200
5	4031911605	Council Priority - Ward 5 Minor Rehabilitation		200	-	-	-	-	-	-	-	200	-	-	-	200
6	4031911606	Council Priority - Ward 6 Minor Rehabilitation		200	-	-	-	-	-	-	-	200	-	-	-	200
7	4031911607	Council Priority - Ward 7 Minor Rehabilitation		200	-	-	-	-	-	-	-	200	-	-	-	200
8	4031911608	Council Priority - Ward 8 Minor Rehabilitation		200	-	-	-	-	-	-	-	200	-	-	-	200
9	4031911609	Council Priority - Ward 9 Minor Rehabilitation		200	-	-	-	-	-	-	-	200	-	-	-	200
10	4031911610	Council Priority - Ward 10 Minor Rehabilitation		200	-	-	-	-	-	-	-	200	-	-	-	200
11	4031911611	Council Priority - Ward 11 Minor Rehabilitation		200	-	-	-	-	-	-	-	200	-	-	-	200
12	4031911612	Council Priority - Ward 12 Minor Rehabilitation		200	-	-	-	-	-	-	-	200	-	-	-	200
13	4031911613	Council Priority - Ward 13 Minor Rehabilitation		200	-	-	-	-	-	-	-	200	-	-	-	200

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													From Operating	Debt	Federal Gas Tax	Other: Reserves Future Fund Dividends
14	4031911614	Council Priority - Ward 14 Minor Rehabilitation		200	-	-	-	-	-	-	-	200	-	-	-	200
15	4031911615	Council Priority - Ward 15 Minor Rehabilitation		200	-	-	-	-	-	-	-	200	-	-	-	200
<u>Council Priority Total:</u>				3,000	-	-	-	-	-	-	-	3,000	-	-	-	3,000
<u>Development Engineering</u>																
15	4031380360	Waterdown - Burlington Road Upgrades (DC DEBT)	*	5,380	-	-	5,380	-	-	-	-	-	-	-	-	-
11	4031480481	Barton Street Improvements Class EA (Stoney Creek)		220	-	-	44	-	-	-	-	176	176	-	-	-
6, 11	4031580584	RHBP - Nebo - Rymal to Twenty (DC DEBT)	*	150	-	-	128	-	-	-	-	22	22	-	-	-
11	4031580585	Twenty Road Extension, Schedule C EA		120	-	-	120	-	-	-	-	-	-	-	-	-
9	4031580594	First Road West - Green Mountain to Mud		4,160	-	-	3,536	-	-	-	-	624	624	-	-	-
10, 11	4031780781	Highway 8 Improvements Class EA (Stoney Creek)		220	-	-	130	-	-	-	-	90	90	-	-	-
11	4031880883	Dickenson Road Class EA (Upper James to Southcote) (AEGD)		250	-	-	210	-	-	-	-	40	40	-	-	-
11, 12, 14	4031980783	Glancaster Road Class EA (Garner to Dickenson) (AEGD)		690	-	-	587	-	-	-	-	103	103	-	-	-
12	4031980951	Springbrook Ave (Phase 2) - Regan to Garner		1,500	-	-	1,275	-	-	-	-	225	225	-	-	-
12	4031980985	Miller Drive urbanization - Anson to Garden		570	-	-	540	-	-	-	-	30	30	-	-	-
10	4031980988	Fruitland Road By-pass - Barton to Hwy 8 (DC DEBT)	*	5,280	-	-	4,488	-	-	-	-	792	792	-	-	-
<u>Development Engineering Total:</u>				18,540	-	-	16,438	-	-	-	-	2,102	2,102	-	-	-
<u>Replacement Program</u>																
13	4031819101	Baldwin / Court - West St. to Dundas St.		620	-	-	-	-	-	180	-	440	44	-	396	-
1	4031819101	Locke - Herkimer to Main		4,400	-	-	-	-	-	800	-	3,600	360	-	3,240	-
10	4031819104	Hewitson - Dupont to Barton and Dupont		690	-	-	-	-	-	690	-	-	-	-	-	-
City Wide	4031910006	Minor Construction Program		300	-	-	-	-	-	-	-	300	300	-	-	-
2	4031911028	Strachan - James to east end		100	-	-	-	-	-	-	-	100	100	-	-	-
City Wide	4031911225	Geotechnical Investigation Program		700	-	-	-	-	-	-	-	700	700	-	-	-
City Wide	4031914405	Contaminated Soil & Rock Disposal Program		240	-	-	-	-	-	-	-	240	240	-	-	-
4	4031919110	Barton - Parkdale to Talbot		100	-	-	-	-	-	-	-	100	100	-	-	-
4	4031919111	Brampton - Parkdale to Strathearne		1,900	-	-	-	-	-	740	-	1,160	116	-	1,044	-
3	4031919114	Cheever - Barton to Birge and Birge - Cheever to Wentworth		620	-	-	-	-	-	240	-	380	38	-	342	-
1	4031919116	Haddon - Sterling to Marion		840	-	-	-	-	-	310	-	530	53	-	477	-
4	4031919117	Parkdale - Burlington to north end & Steel City Court		3,500	-	-	-	-	-	1,050	-	2,450	245	-	2,205	-
City Wide	4031921960	Fleet Additions - Engineering Services - Construction		50	-	-	-	-	-	-	-	50	50	-	-	-
City Wide	4031949555	QA-QC Service Contract Program		150	-	-	-	-	-	-	-	150	150	-	-	-
2	4241709201	Area Rating - Ferguson - Simcoe to Burlington		1,100	-	-	-	-	-	1,100	-	-	-	-	-	-
<u>Replacement Program Total:</u>				15,310	-	-	-	-	-	5,110	-	10,200	2,496	-	7,704	-
<u>Road Operations & Maintenance</u>																
City Wide	4031910005	Major Road Maintenance Program		1,000	-	-	-	-	-	-	-	1,000	-	-	-	1,000
City Wide	4031910012	Railway Roadway Crossings Rehabilitation Program		150	-	-	-	-	-	-	-	150	150	-	-	-
City Wide	4031911224	Sidewalk Rehabilitation Program		750	-	-	-	-	-	-	-	750	750	-	-	-
City Wide	4031917241	Fencing/Sound Barrier Rehabilitation/Replacement within the Road		150	-	-	-	-	-	-	-	150	150	-	-	-

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CITY OF HAMILTON
2019 TAX CAPITAL BUDGET & FINANCING PLAN (0.52% LEVY INCREASE)
(\$000's)

City Ward	Project Number	Project Description	DC Debt	Gross Costs	Grants And Subsidies	Other External Revenue	Dev Charges (Inc Debt)	Reserves	WIP Reserves	WIP Other / Other Internal	WIP Debt	Net Cost	Financing Sources				
													From Operating	Debt	Federal Gas Tax	Other: Reserves Future Fund Dividends	
City Wide	4031941762	Yard Facility Maintenance and Improvement Program		200	-	-	-	-	-	-	-	200	200	-	-	-	
City Wide	4031951410	Roads - Small Equipment Replacement		50	-	-	-	50	-	-	-	-	-	-	-	-	
City Wide	4041910004	Escarpment Slope & Appurtenance Stabilization Program		1,000	-	-	-	-	-	-	-	1,000	454	-	546	-	
City Wide	4041910417	Retaining Wall Rehabilitation Program		850	-	-	-	-	-	-	-	850	-	-	-	850	
City Wide	4041917384	Guide Rail Replacement Program		400	-	-	-	-	-	-	-	400	-	-	-	400	
13	4041941963	Brock Rd and Rockton Yard Improvements		150	-	-	-	-	-	-	-	150	-	-	-	150	
City Wide	4041951960	Road Operations Weigh Scales		100	-	-	-	-	-	-	-	100	-	-	-	100	
<u>Road Operations & Maintenance Total:</u>				4,800	-	-	-	50	-	-	-	4,750	1,704	-	546	2,500	
<u>Road OPS Growth</u>																	
City Wide	4031921350	Fleet Additions - Roads O&M		200	-	-	129	-	-	-	-	71	71	-	-	-	
<u>Road OPS Growth Total:</u>				200	-	-	129	-	-	-	-	71	71	-	-	-	
<u>Rural Rehabilitation Program</u>																	
City Wide	4031917677	Preventative Maintenance Program		2,200	-	-	-	-	-	-	-	2,200	220	-	1,980	-	
<u>Rural Rehabilitation Program Total:</u>				2,200	-	-	-	-	-	-	-	2,200	220	-	1,980	-	
<u>Street Lights</u>																	
City Wide	4031955963	IoT & Smart Cities Street Lighting Strategy Development		150	-	-	-	-	-	-	-	150	150	-	-	-	
City Wide	4041610018	Low-Wattage Street Lighting LED Replacement		500	500	-	-	-	-	-	-	-	-	-	-	-	
City Wide	4041910017	Street Lighting Capital Program		500	-	-	-	-	-	-	-	500	500	-	-	-	
<u>Street Lights Total:</u>				1,150	500	-	-	-	-	-	-	650	650	-	-	-	
<u>Technical Studies & Reporting</u>																	
City Wide	4031918218	OSIM Bridge and Culvert Inspections		340	-	-	-	-	-	-	-	340	340	-	-	-	
City Wide	4031918219	Structural Investigations and Reports		100	-	-	-	-	-	-	-	100	100	-	-	-	
City Wide	4031955556	Mapping Update Program		40	-	-	-	-	-	-	-	40	40	-	-	-	
City Wide	4031955622	Active Transportation Benchmarking		30	-	-	-	-	-	-	-	30	30	-	-	-	
City Wide	4031955744	TMP Modelling & Monitoring		80	-	-	-	-	-	-	-	80	80	-	-	-	
City Wide	4031955878	Hamilton Public Bike Share Expansion Planning		100	-	-	-	-	-	-	-	100	100	-	-	-	
City Wide	4031955916	Complete Liveable Better Streets Manual		250	-	-	-	-	-	-	-	250	250	-	-	-	
City Wide	4031955962	Road Network Pavement Inspection		450	-	-	-	-	-	-	-	450	450	-	-	-	
City Wide	4031955985	Highway 403 Connections Study		30	-	-	-	-	-	-	-	30	30	-	-	-	
City Wide	4031955986	Multi-modal Level-of-Service (MMLoS) Policy and Transportation Impact		130	-	-	-	-	-	-	-	130	130	-	-	-	
City Wide	4031955987	Road Classification Harmonization Study and R-O-W Review		80	-	-	-	-	-	-	-	80	80	-	-	-	
<u>Technical Studies & Reporting Total:</u>				1,630	-	-	-	-	-	-	-	1,630	1,630	-	-	-	
<u>Traffic</u>																	
City Wide	4031710715	Railway Crossings - Review and Upgrades		500	-	-	-	-	-	-	-	500	500	-	-	-	
4	4031955946	Kenilworth - Barton to Main - Detailed Design		150	-	-	-	150	-	-	-	-	-	-	-	-	
3	4241809305	Pedestrian Crossing - Victoria Ave N at Copeland		75	-	-	-	75	-	-	-	-	-	-	-	-	
City Wide	4661720721	Pedestrian Crossovers		300	-	-	-	300	-	-	-	-	-	-	-	-	
City Wide	4661720722	Overhead Sign Structure		200	-	-	-	-	-	-	-	200	200	-	-	-	

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CITY OF HAMILTON
2019 TAX CAPITAL BUDGET & FINANCING PLAN (0.52% LEVY INCREASE)
(\$000's)

City Ward	Project Number	Project Description	DC Debt	Gross Costs	Grants And Subsidies	Other External Revenue	Dev Charges (Inc Debt)	Reserves	WIP Reserves	WIP Other / Other Internal	WIP Debt	Net Cost	Financing Sources				
													From Operating	Debt	Federal Gas Tax	Other: Reserves Future Fund Dividends	
City Wide	4661915820	Traffic Counts Program		300	-	-	-	-	-	-	-	300	300	-	-	-	
City Wide	4661916102	Traffic Calming		350	-	-	-	-	-	-	-	350	350	-	-	-	
City Wide	4661920001	ATMS – Advanced Traffic Management System		2,250	-	-	-	-	-	2,250	-	-	-	-	-	-	
City Wide	4661920019	Traffic Controller Replacement Program		720	-	-	-	-	-	290	-	430	430	-	-	-	
City Wide	4661920720	Plastic Pavement Marking Rehabilitation		200	-	-	-	200	-	-	-	-	-	-	-	-	
City Wide	4661920930	Neighbourhood Speed Reduction Initiative		400	-	-	-	-	-	-	-	400	400	-	-	-	
City Wide	4661920945	Fibre Optics Communication Cable		450	-	-	-	-	-	-	-	450	450	-	-	-	
City Wide	4661920988	Signal Controller Wrapping Project		150	-	150	-	-	-	-	-	-	-	-	-	-	
3	4661955942	Victoria Ave N - One-way to Two-way Traffic Conversion - Phase 2		450	-	-	-	-	-	-	-	450	45	-	405	-	
City Wide	4661955946	Autonomous/Connected Vehicles		300	-	-	-	-	-	-	-	300	300	-	-	-	
Traffic Total:				6,795	-	150	-	725	-	2,540	-	3,380	2,975	-	405	-	
Traffic - APS																	
7, 8, City Wide	4661920531	APS - Accessible Pedestrian Signals		150	-	-	-	-	-	150	-	-	-	-	-	-	
Traffic - APS Total:				150	-	-	-	-	-	150	-	-	-	-	-	-	
Traffic - Growth																	
10	4661820821	New Traffic Signal - Drakes @ North Service Rd		270	-	-	257	-	-	-	-	13	13	-	-	-	
15	4661920921	New Traffic Signal - Waterdown Rd/Mill St @ Mountain		250	-	250	-	-	-	-	-	-	-	-	-	-	
9	4661920922	New Traffic Signal - Rymal Rd west of Walmart Access		100	-	100	-	-	-	-	-	-	-	-	-	-	
11	4661920923	New Traffic Signal - RR 56 at Dalgliesh Rd		250	-	250	-	-	-	-	-	-	-	-	-	-	
9	4661920925	Traffic Signal Modifications - First Rd at Mud St		150	-	150	-	-	-	-	-	-	-	-	-	-	
9	4661920926	New Traffic Signal - Rymal at Canadian Tire Access		200	-	200	-	-	-	-	-	-	-	-	-	-	
9	4661920927	New Traffic Signal - Rymal (opposite Celestial Crescent)		100	-	100	-	-	-	-	-	-	-	-	-	-	
Traffic - Growth Total:				1,320	-	1,050	257	-	-	-	-	13	13	-	-	-	
Traffic - IPS																	
4	4661920525	IPS - Intersection Pedestrian Signal		100	-	-	-	-	-	100	-	-	-	-	-	-	
Traffic - IPS Total:				100	-	-	-	-	-	100	-	-	-	-	-	-	
Traffic Signals																	
12	4031980940	New Traffic Signal - Garner @ Hwy 6		400	-	-	380	-	-	-	-	20	20	-	-	-	
15	4031980941	New Traffic Signal - Dundas at Pamela/Riverwalk		230	-	-	220	-	-	-	-	10	10	-	-	-	
15	4031980942	New Traffic Signal - Dundas at Mallard Trail/Springcreek		230	-	-	220	-	-	-	-	10	10	-	-	-	
8, 9, 11	4661920008	New Traffic Signal Installation Program		850	-	-	-	-	-	735	-	115	115	-	-	-	
City Wide	4661920010	Traffic Signal Modernization & Upgrades Program		800	-	-	-	-	-	800	-	-	-	-	-	-	
City Wide	4661920017	Traffic Signal LED Lighting Upgrade Program		150	-	-	-	-	-	150	-	-	-	-	-	-	
City Wide	4661920522	Traffic Engineering - Signal Design		200	-	-	-	-	-	115	-	85	85	-	-	-	
City Wide	4661920540	Traffic Signal Modernization Coordinated with Construction		1,100	-	-	-	-	-	415	-	685	68	-	617	-	
2	4661920924	New Traffic Signal - Hughson at Hunter		100	-	-	-	-	-	-	-	100	100	-	-	-	
Traffic Signals Total:				4,060	-	-	820	-	-	2,215	-	1,025	408	-	617	-	

*Anomalies in amounts due to rounding

CITY OF HAMILTON
2019 TAX CAPITAL BUDGET & FINANCING PLAN (0.52% LEVY INCREASE)
(\$'000's)

City Ward	Project Number	Project Description	DC Debt	Gross Costs	Grants And Subsidies	Other External Revenue	Dev Charges (Inc Debt)	Reserves	WIP Reserves	WIP Other / Other Internal	WIP Debt	Net Cost	Financing Sources				
													From Operating	Debt	Federal Gas Tax	Other: Reserves Future Fund Dividends	
<u>Traffic Study/Master Plan</u>																	
	2	4031720722		50	-	-	-	50	-	-	-	-	-	-	-	-	-
City Wide	4031755820	Transportation Demand Management & Smart Commute		350	130	-	-	-	-	-	-	220	220	-	-	-	-
City Wide	4031955940	Transportation Tomorrow Survey		40	-	-	-	-	-	-	-	40	40	-	-	-	-
	11	4031955944		150	-	-	-	-	-	-	-	150	150	-	-	-	-
<u>Traffic Study/Master Plan Total:</u>				590	130	-	-	50	-	-	-	410	410	-	-	-	-
<u>Transportation Systems</u>																	
City Wide	4031911222	New Sidewalk Program		500	-	-	476	-	-	-	-	24	24	-	-	-	-
City Wide	4661817124	On Street Bike Facilities		300	-	-	-	-	-	200	-	100	100	-	-	-	-
<u>Transportation Systems Total:</u>				800	-	-	476	-	-	200	-	124	124	-	-	-	-
<u>Urban Rehabilitation Program</u>																	
	12	4031711015		150	-	-	-	-	-	-	-	150	150	-	-	-	-
4, 5, 6, 9	4031811015	RHVP Rehabilitation		8,750	-	-	-	250	-	2,140	-	6,360	636	-	5,724	-	-
	15	4031911023		900	-	-	-	-	-	900	-	-	-	-	-	-	-
	4	4031911024		930	-	-	-	-	-	-	-	930	93	-	837	-	-
	10	4031911025		900	-	-	-	-	-	900	-	-	-	-	-	-	-
	5, 10	4031911026		900	-	-	-	-	-	-	-	900	90	-	810	-	-
	1, 2	4031911029		90	90	-	-	-	-	-	-	-	-	-	-	-	-
<u>Urban Rehabilitation Program Total:</u>				12,620	90	-	-	250	-	3,940	-	8,340	969	-	7,371	-	-
Roads Total:				96,692	720	1,200	18,120	1,075	-	18,462	900	56,215	19,139	-	29,576	7,500	-
Transit Services																	
City Wide	5301583501	Transit Hybrid Bus Battery Replacement		240	-	-	-	240	-	-	-	-	-	-	-	-	-
City Wide	5301785702	Express Bus (L-A-S-T Lines) Enhanced Passenger Amenities		740	543	-	-	-	-	-	-	197	-	197	-	-	-
City Wide	5301984901	Corridor Capacity		610	447	-	-	-	-	-	-	163	-	163	-	-	-
City Wide	5301985803	Terminal and End of Line Rehabilitation		75	-	-	-	-	-	-	-	75	75	-	-	-	-
City Wide	5301985804	Bus Stop Shelter Rehabilitation		125	-	-	-	-	-	-	-	125	125	-	-	-	-
City Wide	5301985901	Transit Terminal Development		3,190	2,339	-	-	-	-	-	-	851	-	851	-	-	-
City Wide	5301985902	Transit Shelter Expansion Program		150	-	-	-	150	-	-	-	-	-	-	-	-	-
City Wide	5301983002	Fund Transit Reserve Shortfall- Re Cancellation of Ontario Bus Replacement Program		3,700	-	-	-	-	-	-	-	3,700	700	-	3,000	-	-
City Wide	5301983100	HSR Bus Replacement Program		15,250	-	-	-	15,250	-	-	-	-	-	-	-	-	-
City Wide	5301983503	Nonrevenue Vehicle Replace Program		170	-	-	-	170	-	-	-	-	-	-	-	-	-
Transit Services Total:				24,250	3,329	-	-	15,810	-	-	-	5,111	900	1,211	3,000	-	-
Waste Management																	
City Wide	5121655610	2020 Waste System Planning		200	-	-	-	-	-	-	-	200	200	-	-	-	-
City Wide	5121949003	CCF Lifecycle Replacement		500	-	-	-	-	-	-	-	500	500	-	-	-	-
	2, 3	5121990901		50	-	-	-	-	-	-	-	50	50	-	-	-	-

*Anomalies in amounts due to rounding

CITY OF HAMILTON
2019 TAX CAPITAL BUDGET & FINANCING PLAN (0.52% LEVY INCREASE)
(\$000's)

City Ward	Project Number	Project Description	DC Debt	Gross Costs	Grants And Subsidies	Other External Revenue	Dev Charges (Inc Debt)	Reserves	WIP Reserves	WIP Other / Other Internal	WIP Debt	Net Cost	Financing Sources				
													From Operating	Debt	Federal Gas Tax	Other: Reserves Future Fund Dividends	
City Wide	5121991000	Glanbrook Landfill Capital Improvement Program		418	-	-	-	-	-	-	-	418	418	-	-	-	
City Wide	5121992000	Closed Landfill Maintenance & Capital Improvement Program		308	-	-	-	-	-	-	-	308	308	-	-	-	
City Wide	5121955137	Waste Management R & D Program		125	-	-	-	-	-	-	-	125	125	-	-	-	
City Wide	5121994920	Environmental Services Legislative Compliance Program		185	-	-	-	-	-	-	-	185	185	-	-	-	
City Wide	5121594511	Transfer Station/CRC Expansion & Capital Replacement		150	-	-	27	-	-	-	-	123	123	-	-	-	
City Wide	5121993000	Maintenance & Capital Improvements to the Resource Recovery Centre		278	-	-	43	-	-	-	-	235	235	-	-	-	
City Wide	5121994000	Transfer Station/CRC Maintenance & Capital Improvement Program		268	-	-	-	-	-	-	-	268	268	-	-	-	
1, 2, 3, 4, 5	5121951900	Waste Collection Equipment - Downtown/BIA		165	-	-	-	-	-	-	-	165	165	-	-	-	
City Wide	5121990200	Diversion Container Replacement Program		880	-	-	39	-	-	-	-	841	841	-	-	-	
City Wide	5121990700	Public Space & Special Event Containers		120	-	-	-	70	-	-	-	50	50	-	-	-	
City Wide	5121990900	Cigarette Litter Prevention Program		65	-	-	-	65	-	-	-	-	-	-	-	-	
Waste Management Total:				3,712	-	-	109	135	-	-	-	3,468	3,468	-	-	-	
West Harbour & Waterfront Strategic Initiatives																	
City Wide	4411806105	Police Marine Facility Temporary Relocation		300	-	-	-	-	-	-	-	300	300	-	-	-	
2	4411506106	Marina Services & Gas Dock		500	-	-	-	-	-	-	-	500	500	-	-	-	
2	4411506107	Pier 5-7 Marina Shoreline Rehab		810	-	-	-	-	-	-	-	810	810	-	-	-	
2	4411606002	Real Estate Disposition Process		250	-	-	-	-	-	-	-	250	250	-	-	-	
2	4411606102	Pier 5-7 Boardwalk		2,190	-	-	-	-	-	-	-	2,190	418	1,772	-	-	
2	4411606105	Pier 8 Shorewall		3,400	-	-	-	-	-	-	-	3,400	3,400	-	-	-	
2	4411806102	Macassa Bay Shoreline Improvements		300	-	-	-	-	-	-	-	300	300	-	-	-	
2	4411806103	Macassa Bay Boardwalk and Trail		200	-	-	-	-	-	-	-	200	200	-	-	-	
2	4411806104	West Harbour Public Art		260	-	-	-	-	-	-	-	260	260	-	-	-	
West Harbour & Waterfront Strategic Initiatives Total:				8,210	-	-	-	-	-	-	-	8,210	6,438	1,772	-	-	
Public Works Tax Funded Total:				177,476	6,132	1,300	26,087	29,640	-	21,136	900	92,281	49,222	2,983	32,576	7,500	
Total All Projects:				227,120	6,132	1,390	32,405	41,283	-	21,471	992	123,447	70,538	3,833	32,576	16,500	

* DC Debt 12,291

APPENDIX "9A"

**2019 RATE CAPITAL BUDGET PROJECT
LIST & FUNDING SOURCES:**

WATER SYSTEM MANAGEMENT

CITY OF HAMILTON
WATER SYSTEM MANAGEMENT
2019 CAPITAL BUDGET PROJECT LIST & FUNDING SOURCES
(000's)

City Ward	Project Number	Project Description	Gross Costs	Grants And Subsidies	Other External Revenue	Dev Charges (Inc Debt)	Reserves	WIP Reserves	WIP Other / Other Internal	WIP Debt	Net Cost	Financing Sources	
												From Operating	Debt
Annual Projects													
City Wide	4031914405	Contaminated Soil & Rock Disposal Program	240	-	-	-	-	-	-	-	240	240	-
City Wide	5141960711	PW Capital Water Consumption Program	200	-	-	-	-	-	-	-	200	200	-
<i>Sub-Total Annual Projects</i>			440	-	-	-	-	-	-	-	440	440	-
Coordinated - Replacement Projects													
13	5141970002	Baldwin / Court - West St. to Dundas St. - Road Restoration	180	-	-	-	-	-	-	-	180	180	-
4	5141970003	Brampton - Parkdale to Strathearne - Road Restoration	740	-	-	-	-	-	-	-	740	740	-
7	5141970004	Bruce-dale - Upper Wentworth to Upper Sherman (Eastmount Neighbourhood) - Road Restoration	780	-	-	-	-	-	-	-	780	780	-
3	5141970005	Cheever - Barton to Birge & Birge - Cheever to Wentworth - Road Restoration	240	-	-	-	-	-	-	-	240	240	-
1	5141970007	Haddon - Sterling to Marion - Road Restoration	310	-	-	-	-	-	-	-	310	310	-
10	5141970008	Hewitson - Dupont to Barton and Dupont - Road Restoration	230	-	-	-	-	-	-	-	230	230	-
1	5141970009	Locke - Herkimer to Main - Road Restoration	800	-	-	-	-	-	-	-	800	800	-
4	5141970010	Parkdale - Burlington to north end & Steel City Crt - Road Restoration	1,050	-	-	-	-	-	-	-	1,050	1,050	-
2	5141970012	Sheaffe / Park / Mulberry (Central Neighbourhood (North)) - Road Restoration	910	-	-	-	-	-	-	-	910	910	-
13	5141971302	Baldwin / Court - West St. to Dundas St.	110	-	-	-	-	-	-	-	110	110	-
4	5141971303	Brampton - Parkdale to Strathearne	600	-	-	-	-	-	-	-	600	600	-
7	5141971304	Bruce-dale - Upper Wentworth to Upper Sherman (Eastmount Neighbourhood)	1,710	-	-	-	-	-	-	-	1,710	1,710	-
3	5141971305	Cheever - Barton to Birge and Birge - Cheever to Wentworth	580	-	-	-	-	-	-	-	580	580	-
2	5141971306	Ferguson - Simcoe to Burlington	440	-	-	-	-	-	-	-	440	440	-
1	5141971307	Haddon - Sterling to Marion	510	-	-	-	-	-	-	-	510	510	-
10	5141971308	Hewitson - Dupont to Barton and Dupont	370	-	-	-	-	-	-	-	370	370	-
1	5141971309	Locke - Herkimer to Main	2,480	-	-	-	-	-	-	-	2,480	2,480	-
4	5141971310	Parkdale - Burlington to north end & Steel City Court	1,130	-	-	-	-	-	-	-	1,130	1,130	-
2	5141971312	Sheaffe / Park / Mulberry (Central Neighbourhood (North))	1,050	-	-	-	-	-	-	-	1,050	1,050	-
<i>Sub-Total Coordinated - Replacement Projects</i>			14,220	-	-	-	-	-	-	-	14,220	14,220	-
Coordinated - Upgrade Projects													
3	5141971313	Sherman - King to south end (LRT Enabling Project)	130	130	-	-	-	-	-	-	-	-	-
3	5141971314	Wentworth - Wilson to King (LRT Enabling Project)	130	130	-	-	-	-	-	-	-	-	-
4	5141971315	Main - Delena to Normanhurst & Normanhurst - Main to Queenston (LRT Enabling Project)	150	150	-	-	-	-	-	-	-	-	-
<i>Sub-Total Coordinated - Upgrade Projects</i>			410	410	-	-	-	-	-	-	-	-	-

*Anomalies in amounts due to rounding

CITY OF HAMILTON
WATER SYSTEM MANAGEMENT
2019 CAPITAL BUDGET PROJECT LIST & FUNDING SOURCES
(000's)

City Ward	Project Number	Project Description	Gross Costs	Grants And Subsidies	Other External Revenue	Dev Charges (Inc Debt)	Reserves	WIP Reserves	WIP Other / Other Internal	WIP Debt	Net Cost	Financing Sources	
												From Operating	Debt
Coordinated Projects													
City Wide	5141855777	Water infrastructure Analysis - Growth and Economic Opportunities	350	-	200	-	-	-	-	-	150	150	-
<i>Sub-Total Coordinated Projects</i>			350	-	200	-	-	-	-	-	150	150	-
Equipment Replacement													
City Wide	5141966151	SCADA servers and network	2,500	-	-	-	-	-	-	2,500	-	-	-
<i>Sub-Total Equipment Replacement</i>			2,500	-	-	-	-	-	-	2,500	-	-	-
Haldimand-Norfolk Projects													
11	5141564533	Upper Wentworth - South limit @ Hydro Corridor to Twenty	2,000	-	-	2,000	-	-	-	-	-	-	-
<i>Sub-Total Haldimand-Norfolk Projects</i>			2,000	-	-	2,000	-	-	-	-	-	-	-
Master Plan													
City Wide	5141555264	City-Wide Water Master Plan	100	-	-	90	-	-	-	-	10	10	-
City Wide	5141955010	Water Systems Planning Program	400	-	-	-	-	-	-	-	400	400	-
<i>Sub-Total Master Plan</i>			500	-	-	90	-	-	-	-	410	410	-
Master Plan - Development													
City Wide	5141996011	Intensification Infrastructure Upgrades Program - Water	400	-	-	200	-	-	-	-	200	200	-
<i>Sub-Total Master Plan - Development</i>			400	-	-	200	-	-	-	-	200	200	-
Master Plan - Horizontal Assets													
13, 15	5141796752	PD16 (Waterdown) Trunk Feedermain - PS HD016 to Hwy 5 at Algonquin (W-25) (CASH FLOWED)	880	-	-	660	-	-	-	-	220	220	-
11	5141996951	Binbrook Feedermain via Fletcher (W-30)	580	-	-	580	-	-	-	-	-	-	-
<i>Sub-Total Master Plan - Horizontal Assets</i>			1,460	-	-	1,240	-	-	-	-	220	220	-
Master Plan - Vertical Assets													
5	5141795850	Greenhill PS HD04B & HD05A Upgrades (W-28) (CASH FLOWED)	1,550	-	-	1,130	-	-	-	-	420	420	-
11	5141995951	PS HD019 (Binbrook) Capacity Upgrade (W-20)	220	-	-	220	-	-	-	-	-	-	-
City Wide	5142595552	P.S. HD07A - New District 7 (Elfrida area) Pumping Station (W-21)	280	-	-	280	-	-	-	-	-	-	-
<i>Sub-Total Master Plan - Vertical Assets</i>			2,050	-	-	1,630	-	-	-	-	420	420	-
Outstations-Sustainable Asset Mgt (SAM)													
4	5141267274	Kenilworth Pumping Station (HD005) - Phase 2	330	-	-	-	-	-	-	-	330	330	-

*Anomalies in amounts due to rounding

CITY OF HAMILTON
WATER SYSTEM MANAGEMENT
2019 CAPITAL BUDGET PROJECT LIST & FUNDING SOURCES
(000's)

City Ward	Project Number	Project Description	Gross Costs	Grants And Subsidies	Other External Revenue	Dev Charges (Inc Debt)	Reserves	WIP Reserves	WIP Other / Other Internal	WIP Debt	Net Cost	Financing Sources	
												From Operating	Debt
2	5141395353	Ferguson Avenue HD002 Pumping Station	330	-	-	-	-	-	-	-	330	330	-
14	5141666608	Lynden Additional Water Supply	3,520	-	-	-	-	-	-	2,700	820	820	-
10	5141667420	Ben Nevis & Dewitt (HD08A) Water Pumping Station Upgrades	550	-	-	-	-	-	-	-	550	550	-
13	5141667422	Osler Road Pumping Station (HD011) Upgrades	280	-	-	-	-	-	-	-	280	280	-
14	5141767650	New Greenville Communal Well	750	-	-	-	-	-	-	-	750	750	-
4, 10	5141967375	HDR01 Kenilworth and HDR1C Ben Nevis Reservoir Upgrades	7,550	-	-	-	-	-	500	500	6,550	2,209	4,341
City Wide	5141967752	Water Outstation Inspections - Asset Management	660	-	-	-	-	-	-	-	660	660	-
		<i>Sub-Total Outstations-Sustainable Asset Mgt (SAM)</i>	13,970	-	-	-	-	-	500	3,200	10,270	5,929	4,341
Plans/Studies													
City Wide	5141955247	Alterations to the Drinking Water System	150	-	-	-	-	-	-	-	150	150	-
City Wide	5141955713	Pressure Districts and Drinking Water System Optimization	220	-	-	-	-	-	-	-	220	220	-
		<i>Sub-Total Plans/Studies</i>	370	-	-	-	-	-	-	-	370	370	-
Plant - Sustainable Asset Mgt (SAM)													
4	5141166110	Water Treatment Plant - Process Upgrades (CASH FLOWED)	11,350	-	-	-	-	-	-	-	11,350	1,350	10,000
City Wide	5141966420	Woodward WTP Chlorine Chemical Building	800	-	-	-	-	-	-	-	800	800	-
City Wide	5141966711	Water Treatment Studies Program	250	-	-	-	-	-	-	-	250	250	-
City Wide	5141966713	Water Maintenance Capital Program	2,000	-	-	-	-	-	-	-	2,000	2,000	-
		<i>Sub-Total Plant - Sustainable Asset Mgt (SAM)</i>	14,400	-	-	-	-	-	-	-	14,400	4,400	10,000
Plant - Water Quality Initiatives (WQI)													
City Wide	5141969075	City Environmental Lab Improvements Program	200	-	-	-	-	-	-	-	200	200	-
		<i>Sub-Total Plant - Water Quality Initiatives (WQI)</i>	200	-	-	-	-	-	-	-	200	200	-
Rehabilitation Project													
City Wide	5141761777	Beach Trunkmain Rehab	2,300	-	-	-	-	-	-	-	2,300	2,300	-
City Wide	5141960750	Unscheduled Valve, Hydrant, Watermain & Misc Water Replace Program	3,000	-	-	-	-	-	-	-	3,000	3,000	-
City Wide	5141961502	Water Meter - Installation/Replacement/Repair - General Maintenance	2,860	-	-	-	640	-	-	-	2,220	2,220	-
		<i>Sub-Total Rehabilitation Project</i>	8,160	-	-	-	640	-	-	-	7,520	7,520	-
Replacement Project													
City Wide	5141960080	Valve Replacement Program	1,580	-	-	-	-	-	90	-	1,490	1,490	-
10	5141961341	Pineland/Teal/Community/Garden/South Service	110	-	-	-	-	-	-	-	110	110	-
City Wide	5141971074	Contingency for Unscheduled Works Program	100	-	-	-	-	-	55	-	45	45	-
		<i>Sub-Total Replacement Project</i>	1,790	-	-	-	-	-	145	-	1,645	1,645	-

*Anomalies in amounts due to rounding

CITY OF HAMILTON
WATER SYSTEM MANAGEMENT
2019 CAPITAL BUDGET PROJECT LIST & FUNDING SOURCES
(000's)

City Ward	Project Number	Project Description	Gross Costs	Grants And Subsidies	Other External Revenue	Dev Charges (Inc Debt)	Reserves	WIP Reserves	WIP Other / Other Internal	WIP Debt	Net Cost	Financing Sources	
												From Operating	Debt
Restorations													
City Wide	5141911101	Road Restoration Program	5,400	-	-	-	-	-	-	-	5,400	5,400	-
<i>Sub-Total Restorations</i>			5,400	-	-	-	-	-	-	-	5,400	5,400	-
Technical Services Projects													
City Wide	4031957944	18-055 PW Asset Management (PW-AM) System Evaluation	750	-	-	-	-	-	-	-	750	750	-
City Wide	5141455425	Prestressed Concrete Cylinder Pipe Condition Assessment Inspection Program	520	-	-	-	-	-	-	-	520	520	-
City Wide	5141949555	QA-QC Service Contract Program	160	-	-	-	-	-	-	-	160	160	-
City Wide	5141955556	Mapping Update Program	40	-	-	-	-	-	-	-	40	40	-
City Wide	5141957545	Water - Computer Model	280	-	-	-	-	-	-	-	280	280	-
City Wide	5141960577	Metallic Watermain Condition Assessment Program	580	-	-	-	-	-	-	-	580	580	-
5	5141980955	Centennial Secondary Plan - Servicing Study	100	-	-	90	-	-	-	-	10	10	-
<i>Sub-Total Technical Services Projects</i>			2,430	-	-	90	-	-	-	-	2,340	2,340	-
Upgrade Projects													
14, 15	5141667423	Freelton Well (FDF01) Capacity Increase	440	-	-	407	-	-	-	-	33	33	-
City Wide	5141961910	Residential Water Meter and Meter Pit Installation for Non Metered Properties	180	-	-	-	-	-	-	-	180	180	-
City Wide	5141962073	Field Data Systems Program	110	-	-	-	-	-	-	-	110	110	-
City Wide	5141962078	Substandard Water Service Replacement Program	2,750	-	-	-	-	-	-	-	2,750	2,750	-
<i>Sub-Total Upgrade Projects</i>			3,480	-	-	407	-	-	-	-	3,073	3,073	-
Vehicles-New													
City Wide	4031921960	Fleet Additions - Engineering Services - Construction	50	-	-	-	-	-	-	-	50	50	-
City Wide	5141851810	Fleet Additions	650	-	-	-	-	-	-	-	650	650	-
<i>Sub-Total Vehicles-New</i>			700	-	-	-	-	-	-	-	700	700	-
Water Quality Initiatives (WQI)													
City Wide	5141966911	Woodward WTP - Biological Filtration Pilot Study	150	-	-	-	-	-	-	-	150	150	-
<i>Sub-Total Water Quality Initiatives (WQI)</i>			150	-	-	-	-	-	-	-	150	150	-

*Anomalies in amounts due to rounding

CITY OF HAMILTON
WATER SYSTEM MANAGEMENT
2019 CAPITAL BUDGET PROJECT LIST & FUNDING SOURCES
(000's)

City Ward	Project Number	Project Description	Gross Costs	Grants And Subsidies	Other External Revenue	Dev Charges (Inc Debt)	Reserves	WIP Reserves	WIP Other / Other Internal	WIP Debt	Net Cost	Financing Sources	
												From Operating	Debt
Watermain Lining													
City Wide	5141960072	Watermain Structural Lining	6,900	-	-	-	-	-	2,925	-	3,975	3,975	-
<i>Sub-Total Watermain Lining</i>			6,900	-	-	-	-	-	2,925	-	3,975	3,975	-
Total All Projects			82,280	410	200	5,657	640	-	3,570	5,700	66,103	51,762	14,341

APPENDIX "9B"

**2019 RATE CAPITAL BUDGET PROJECT
LIST & FUNDING SOURCES:**

WASTEWATER SYSTEM MANAGEMENT

CITY OF HAMILTON
WASTEWATER SYSTEM MANAGEMENT
2019 CAPITAL BUDGET PROJECT LIST & FUNDING SOURCES
(000's)

City Ward	Project Number	Project Description	Gross Costs	Grants And Subsidies	Other External Revenue	Dev Charges (Inc Debt)	Reserves	WIP Reserves	WIP Other / Other Internal	WIP Debt	Net Cost	Financing Sources	
												From Operating	Debt
Annual Projects													
City Wide	4031914405	Contaminated Soil & Rock Disposal Program	240	-	-	-	-	-	-	-	240	240	-
City Wide	5161960711	PW Capital Water Consumption Program	200	-	-	-	-	-	-	-	200	200	-
<i>Sub-Total Annual Projects</i>			440	-	-	-	-	-	-	-	440	440	-
Computer Software Purchases													
City Wide	5161957545	Wastewater Computer Model Update & Maintenance	380	-	-	-	-	-	-	-	380	380	-
<i>Sub-Total Computer Software Purchases</i>			380	-	-	-	-	-	-	-	380	380	-
Coordinated - Replacement Projects													
3	5161971905	Cheever - Barton to Birge and Birge - Cheever to Wentworth	90	-	-	-	-	-	-	-	90	90	-
2	5161971945	Sheaffe / Park / Mulberry (Central Neighbourhood (North))	2,350	-	-	-	-	-	-	-	2,350	2,350	-
<i>Sub-Total Coordinated - Replacement Projects</i>			2,440	-	-	-	-	-	-	-	2,440	2,440	-
Coordinated Projects													
City Wide	5161855777	Wastewater infrastructure Analysis - Growth and Economic Opportunities	350	-	200	-	-	-	-	-	150	150	-
<i>Sub-Total Coordinated Projects</i>			350	-	200	-	-	-	-	-	150	150	-
Development Projects													
2	4411506103	Pier 8 Sanitary PS & Forcemain	9,000	-	-	8,100	-	-	-	-	900	900	-
<i>Sub-Total Development Projects</i>			9,000	-	-	8,100	-	-	-	-	900	900	-
Equipment Replacement													
City Wide	5161966151	SCADA servers and network	1,500	-	-	-	-	-	-	1,500	-	-	-
<i>Sub-Total Equipment Replacement</i>			1,500	-	-	-	-	-	-	1,500	-	-	-
Maintenance Projects													
5, 6	5161968920	Fennell/Greenhill Drop Shaft	180	-	-	-	-	-	-	-	180	180	-
<i>Sub-Total Maintenance Projects</i>			180	-	-	-	-	-	-	-	180	180	-
Master Plan													
City Wide	5161555264	City-Wide Wastewater Master Plan	100	-	-	90	-	-	-	-	10	10	-
City Wide	5161955010	Wastewater Systems Planning Program	600	-	-	-	-	-	-	-	600	600	-
<i>Sub-Total Master Plan</i>			700	-	-	90	-	-	-	-	610	610	-

*Anomalies in amounts due to rounding

CITY OF HAMILTON
WASTEWATER SYSTEM MANAGEMENT
2019 CAPITAL BUDGET PROJECT LIST & FUNDING SOURCES
(000's)

City Ward	Project Number	Project Description	Gross Costs	Grants And Subsidies	Other External Revenue	Dev Charges (Inc Debt)	Reserves	WIP Reserves	WIP Other / Other Internal	WIP Debt	Net Cost	Financing Sources	
												From Operating	Debt
Master Plan - Development													
City Wide	5161996011	Intensification Infrastructure Upgrades Program - Wastewater	400	-	-	200	-	-	-	-	200	200	-
<i>Sub-Total Master Plan - Development</i>			400	-	-	200	-	-	-	-	200	200	-
Master Plan - Horizontal Assets													
1	5161596855	Royal to Main/King Sanitary Sewer Upgrades (WW-22) (CASH FLOWED)	6,840	-	-	6,840	-	-	-	-	-	-	-
5, 9	5161695747	Battlefield Trunk Sewer Twinning (WW-33) (CASH FLOWED)	10,500	-	-	10,500	-	-	-	-	-	-	-
11	5161696452	Airport Lands Dickenson Rd Trunk Sewer (WW-27, WW-26, WW-28) (CASH FLOWED)	1,650	-	-	1,650	-	-	-	-	-	-	-
1	5161996954	Aberdeen at Hillside Neighbourhood Sewer Separation	450	-	-	-	-	-	-	-	450	450	-
<i>Sub-Total Master Plan - Horizontal Assets</i>			19,440	-	-	18,990	-	-	-	-	450	450	-
Master Plan - Vertical Assets													
15	5161796786	First Street (Waterdown Sanitary) PS Upgrade DC014	1,480	-	-	903	-	-	-	-	577	577	-
<i>Sub-Total Master Plan - Vertical Assets</i>			1,480	-	-	903	-	-	-	-	577	577	-
Outstations-Sustainable Asset Mgt (SAM)													
12	5161267270	Ancaster Wastewater Outstations Upgrades	2,010	-	-	-	-	-	-	-	2,010	2,010	-
5	5161467756	Greenhill & Cochrane HCS01 Combined Sewer Overflow Tank Cleaning & Upgrades (CASH FLOWED)	930	-	-	-	-	-	-	-	930	930	-
12, 13, 15	5161667622	FC001, DC009 & HC011 Wastewater Pumping Stations Upgrades	3,200	-	-	-	-	-	-	-	3,200	3,200	-
1	5161767772	Decommissioning Aberdeen Sewage Pumping Station	60	-	-	-	-	-	-	-	60	60	-
11	5161967123	AEGD Infrastructure Growth Initiative (English Church Road Area)	11,000	-	-	11,000	-	-	-	-	-	-	-
City Wide	5161967752	Wastewater Outstation Inspections - Asset Management Program	520	-	-	-	-	-	-	-	520	520	-
<i>Sub-Total Outstations-Sustainable Asset Mgt (SAM)</i>			17,720	-	-	11,000	-	-	-	-	6,720	6,720	-
Outstations-Wastewater Investment Needs (WINS)													
City Wide	5161667421	New Haulage Receiving Station	550	-	-	-	-	-	-	-	550	550	-
<i>Sub-Total Outstations-Wastewater Investment Needs (WINS)</i>			550	-	-	-	-	-	-	-	550	550	-
Plant - Sustainable Asset Mgt (SAM)													
City Wide	5161066065	Waste Hauler Receiving Station - Eastport Drive SPS (HC017) Upgrades	650	-	-	-	-	-	-	-	650	650	-
City Wide	5161966511	Woodward WWTP - Digester #5	500	-	-	-	-	-	-	-	500	500	-
City Wide	5161966612	Woodward WWTP - South Secondary Clarifiers	4,500	-	-	-	4,000	-	-	-	500	500	-
City Wide	5161966713	Wastewater Maintenance Capital Program	4,000	-	-	-	-	-	-	2,400	1,600	1,600	-

*Anomalies in amounts due to rounding

CITY OF HAMILTON
WASTEWATER SYSTEM MANAGEMENT
2019 CAPITAL BUDGET PROJECT LIST & FUNDING SOURCES
(000's)

City Ward	Project Number	Project Description	Gross Costs	Grants And Subsidies	Other External Revenue	Dev Charges (Inc Debt)	Reserves	WIP Reserves	WIP Other / Other Internal	WIP Debt	Net Cost	Financing Sources	
												From Operating	Debt
City Wide	5162266102	Woodward WWTP - Expansion (CASH FLOWED)	1,500	-	-	1,500	-	-	-	-	-	-	-
		<i>Sub-Total Plant - Sustainable Asset Mgt (SAM)</i>	11,150	-	-	1,500	4,000	-	-	2,400	3,250	3,250	-
Plant - Wastewater Investment Needs (WINS)													
City Wide	5160866801	Woodward WWTP - Clean Harbour (CASH FLOWED)	64,531	42,708	-	3,499	18,324	-	-	-	-	-	-
City Wide	5160966910	Woodward WWTP - Biosolids Management Facility	250	-	-	60	-	-	-	-	190	190	-
City Wide	5161969075	City Environmental Lab Improvements Program	200	-	-	-	-	-	-	-	200	200	-
		<i>Sub-Total Plant - Wastewater Investment Needs (WINS)</i>	64,981	42,708	-	3,559	18,324	-	-	-	390	390	-
Rehabilitation Project													
City Wide	5161960302	Emergency Repairs - Cross Connections Program	750	-	-	-	-	-	-	-	750	750	-
City Wide	5161960390	Wastewater System Lining Program	4,660	-	-	-	-	-	4,110	-	550	550	-
City Wide	5161960522	Sewer Lateral Management Program (WWC)	4,500	-	-	-	-	-	-	-	4,500	4,500	-
City Wide	5161960533	Trenchless Manhole Rehabilitation	80	-	-	-	-	-	-	-	80	80	-
City Wide	5161960574	Pre-Construction Mainline Condition Assessment	580	-	-	-	-	-	-	-	580	580	-
City Wide	5161960575	Mainline Sewer Condition Assessment Program	790	-	-	-	-	-	-	-	790	790	-
City Wide	5161960576	Sewer Lateral Condition Assessment Program	620	-	-	-	-	-	-	-	620	620	-
City Wide	5161960577	Mainline Sewer Condition Assessment for Compliance & Regulations	120	-	-	-	-	-	-	-	120	120	-
12	5161960942	Ancaster Sewage Works Pipeline CIPP Rehab - CASH FLOW	6,560	-	-	-	-	-	-	-	6,560	6,560	-
		<i>Sub-Total Rehabilitation Project</i>	18,660	-	-	-	-	-	4,110	-	14,550	14,550	-
Repairs													
City Wide	5161960820	Open Cut Repairs for CIPP Program	580	-	-	-	-	-	-	-	580	580	-
		<i>Sub-Total Repairs</i>	580	-	-	-	-	-	-	-	580	580	-
Replacement Project													
City Wide	5161961444	Sewer Lateral Replace/Rehab Program	3,570	-	-	-	-	-	-	-	3,570	3,570	-
City Wide	5161961740	Unscheduled Manhole and Sewermain Replacement Program	400	-	-	-	-	-	-	-	400	400	-
City Wide	5161971015	Sewer Lateral Replacement for Co-ordinated Projects	430	-	-	-	-	-	-	-	430	430	-
City Wide	5161971074	Contingency for Unscheduled Works Program	100	-	-	-	-	-	-	-	100	100	-
		<i>Sub-Total Replacement Project</i>	4,500	-	-	-	-	-	-	-	4,500	4,500	-

*Anomalies in amounts due to rounding

CITY OF HAMILTON
WASTEWATER SYSTEM MANAGEMENT
2019 CAPITAL BUDGET PROJECT LIST & FUNDING SOURCES
(000's)

City Ward	Project Number	Project Description	Gross Costs	Grants And Subsidies	Other External Revenue	Dev Charges (Inc Debt)	Reserves	WIP Reserves	WIP Other / Other Internal	WIP Debt	Net Cost	Financing Sources		
												From Operating	Debt	
Restorations														
City Wide	5161911101	Road Restoration Program	1,800	-	-	-	-	-	-	-	-	1,800	1,800	-
<i>Sub-Total Restorations</i>			1,800	-	-	-	-	-	-	-	-	1,800	1,800	-
Technical Services Projects														
12	5161768240	Western Interceptor Sewer CCTV and Sonar Inspection	920	-	-	-	-	-	-	-	-	920	920	-
City Wide	5161949555	QA-QC Service Contract Program	160	-	-	-	-	-	-	-	-	160	160	-
City Wide	5161955556	Mapping Update Program	40	-	-	-	-	-	-	-	-	40	40	-
City Wide	5161955640	Flow Monitoring Program	350	-	-	170	-	-	-	-	-	180	180	-
City Wide	5161955878	Forcemain Condition Assessment Program	310	-	-	-	-	-	-	-	-	310	310	-
City Wide	5161955955	Inflow & Infiltration Studies and Control Program	500	-	-	150	-	-	-	-	-	350	350	-
5	5161980955	Centennial Secondary Plan - Servicing Study	100	-	-	90	-	-	-	-	-	10	10	-
<i>Sub-Total Technical Services Projects</i>			2,380	-	-	410	-	-	-	-	-	1,970	1,970	-
Upgrade Projects														
5, 10	5161655350	Riverdale Flood Relief Remedial Measures EA	1,320	-	-	-	-	-	-	-	-	1,320	1,320	-
12	5161661434	Upsize Forcemain under Wilson Street (Intersection of Wilson Street & Rousseaux Street)	170	-	-	-	-	-	-	-	-	170	170	-
City Wide	5161962073	Field Data Systems Program	110	-	-	-	-	-	-	-	-	110	110	-
<i>Sub-Total Upgrade Projects</i>			1,600	-	-	-	-	-	-	-	-	1,600	1,600	-
Vehicles-New														
City Wide	4031921960	Fleet Additions - Engineering Services - Construction	50	-	-	-	-	-	-	-	-	50	50	-
<i>Sub-Total Vehicles-New</i>			50	-	-	-	-	-	-	-	-	50	50	-
Water Quality Initiatives (WQI)														
City Wide	5161468422	Randle Reef Sediment Remediation (CASH FLOWED)	550	-	-	-	-	-	-	-	-	550	550	-
<i>Sub-Total Water Quality Initiatives (WQI)</i>			550	-	-	-	-	-	-	-	-	550	550	-
Total All Projects			160,831	42,708	200	44,752	22,324	-	4,110	3,900	42,837	42,837	-	

*Anomalies in amounts due to rounding

APPENDIX “9C”

2019 RATE CAPITAL BUDGET PROJECT LIST & FUNDING SOURCES: STORM SYSTEM MANAGEMENT

CITY OF HAMILTON
STORM WATER MANAGEMENT
2019 CAPITAL BUDGET PROJECT LIST & FUNDING SOURCES
(000's)

City Ward	Project Number	Project Description	Gross Costs	Grants And Subsidies	Other External Revenue	Dev Charges (Inc Debt)	Reserves	WIP Reserves	WIP Other / Other Internal	WIP Debt	Net Cost	Financing Sources	
												From Operating	Debt
Annual Projects													
City Wide	4031914405	Contaminated Soil & Rock Disposal Program	240	-	-	-	-	-	240	-	-	-	-
<i>Sub-Total Annual Projects</i>			240	-	-	-	-	-	240	-	-	-	-
Assessment Growth													
9	5181980960	RR56 and Swayze Road (Summit Park Phase 10 - 25T201309)	3,320	-	-	3,320	-	-	-	-	-	-	-
<i>Sub-Total Assessment Growth</i>			3,320	-	-	3,320	-	-	-	-	-	-	-
Coordinated - Replacement Projects													
10	5181972290	Hewitson – Dupont to Barton and Dupont	520	-	-	-	-	-	520	-	-	-	-
1	5181972291	Haddon - Sterling to Marion	300	-	-	-	-	-	300	-	-	-	-
<i>Sub-Total Coordinated - Replacement Projects</i>			820	-	-	-	-	-	820	-	-	-	-
Coordinated - Upgrade Projects													
13	5181572290	Baldwin / Court - West St. to Dundas St.	290	-	-	-	-	-	290	-	-	-	-
<i>Sub-Total Coordinated - Upgrade Projects</i>			290	-	-	-	-	-	290	-	-	-	-
Development Projects													
11	5181880870	Lewis Rd Culvert - approximately 200m n/o Barton	200	-	-	200	-	-	-	-	-	-	-
15	5181880872	Flanders Drive Flooding	70	-	-	-	-	-	-	-	70	70	-
City Wide	5181980090	Storm Water Management Program	4,000	-	-	4,000	-	-	-	-	-	-	-
4	5181980961	Roxborough Storm Outlet	950	-	-	950	-	-	-	-	-	-	-
9	5181980980	SWMP - SM18 (Central Park)	3,630	-	-	3,630	-	-	-	-	-	-	-
15	5181980981	SWMP - W1 (Waterdown Bay Phase 2)	3,400	-	-	3,400	-	-	-	-	-	-	-
15	5181980983	SWMP - W3 (Waterdown Bay Phase 2)	4,000	-	-	4,000	-	-	-	-	-	-	-
15	5181980984	SWMP - W4 (Waterdown Bay Phase 2)	7,600	-	-	7,600	-	-	-	-	-	-	-
15	5181980985	SWMP - W5 (Waterdown Bay Phase 2)	3,860	-	-	3,860	-	-	-	-	-	-	-
<i>Sub-Total Development Projects</i>			27,710	-	-	27,640	-	-	-	-	70	70	-
Maintenance Projects													
15	5181974950	Watercourse and Drainage Channel Maintenance	580	-	-	-	-	-	-	-	580	580	-
	5181974951	Shoreline Protection Program	350	-	-	-	-	-	-	-	350	350	-
<i>Sub-Total Maintenance Projects</i>			930	-	-	-	-	-	-	-	930	930	-
Operations & Maintenance													
City Wide	5181917152	Cross Road Culvert Program	1,390	-	-	-	1,000	-	390	-	-	-	-

*Anomalies in amounts due to rounding

CITY OF HAMILTON
STORM WATER MANAGEMENT
2019 CAPITAL BUDGET PROJECT LIST & FUNDING SOURCES
(000's)

City Ward	Project Number	Project Description	Gross Costs	Grants And Subsidies	Other External Revenue	Dev Charges (Inc Debt)	Reserves	WIP Reserves	WIP Other / Other Internal	WIP Debt	Net Cost	Financing Sources	
												From Operating	Debt
City Wide	5181917458	Catch Basin Replacement/Rehabilitation Program	770	-	-	-	-	-	270	-	500	500	-
City Wide	5181960622	SWM Facility Maintenance Program	1,200	-	-	-	700	-	500	-	-	-	-
10, 11, 12, 13, 14, 15	5181960722	Municipal Drain Program	100	-	75	-	-	-	-	-	25	25	-
15	5181972940	Evans Road Culvert Twinning	170	-	-	-	-	-	-	-	170	170	-
		<i>Sub-Total Operations & Maintenance</i>	3,630	-	75	-	1,700	-	1,160	-	695	695	-
Rehabilitation Project													
City Wide	5181960533	Trenchless Manhole Rehabilitation	80	-	-	-	-	-	80	-	-	-	-
		<i>Sub-Total Rehabilitation Project</i>	80	-	-	-	-	-	80	-	-	-	-
Replacement Project													
5, 13	5181874841	Lower Davis Creek - Flood Control Facility	300	-	-	-	220	-	-	-	80	80	-
City Wide	5181917549	Concrete Box Culvert Rehabilitation/Repair (< 3.0m span)	580	-	-	-	-	-	580	-	-	-	-
City Wide	5181961740	Unscheduled Manhole and Sewermain Replacement Program	60	-	-	-	-	-	60	-	-	-	-
City Wide	5181972074	Contingency for Unscheduled Works Program	120	-	-	-	-	-	120	-	-	-	-
		<i>Sub-Total Replacement Project</i>	1,060	-	-	-	220	-	760	-	80	80	-
SERG													
13	5181823155	South St E and East St S in Dundas Drainage Improvement - SERG	60	-	-	-	-	-	-	-	60	60	-
11	5181872295	SERG - Winona Area Drainage Improvements	170	-	-	-	-	-	-	-	170	170	-
City Wide	5181955350	Climate Change Impact Assessment	550	-	-	-	-	-	-	-	550	550	-
City Wide	5181955421	Stormwater System Planning Program	480	-	-	-	-	-	-	-	480	480	-
City Wide	5182155101	SERG - Stoney Creek & Battlefield Creek Flood and Erosion Control	150	-	-	-	-	-	-	-	150	150	-
		<i>Sub-Total SERG</i>	1,410	-	-	-	-	-	-	-	1,410	1,410	-
Technical Services Projects													
City Wide	5181555422	City Wide GRIDS II Stormwater Master Plan	100	-	-	80	-	-	-	-	20	20	-
City Wide	5181949555	QA-QC Service Contract Program	160	-	-	-	-	-	160	-	-	-	-
City Wide	5181955556	Mapping Update Program	40	-	-	-	-	-	40	-	-	-	-
City Wide	5181957545	Stormwater Computer Model	1,080	-	-	-	1,080	-	-	-	-	-	-
		<i>Sub-Total Technical Services Projects</i>	1,380	-	-	80	1,080	-	200	-	20	20	-
Upgrade Projects													
City Wide	5181962073	Field Data Systems Program	110	-	-	-	-	-	110	-	-	-	-
		<i>Sub-Total Upgrade Projects</i>	110	-	-	-	-	-	110	-	-	-	-

*Anomalies in amounts due to rounding

CITY OF HAMILTON
STORM WATER MANAGEMENT
2019 CAPITAL BUDGET PROJECT LIST & FUNDING SOURCES
(000's)

City Ward	Project Number	Project Description	Gross Costs	Grants And Subsidies	Other External Revenue	Dev Charges (Inc Debt)	Reserves	WIP Reserves	WIP Other / Other Internal	WIP Debt	Net Cost	Financing Sources		
												From Operating	Debt	
Vehicles-New														
City Wide	4031921960	Fleet Additions - Engineering Services - Construction	50	-	-	-	-	-	50	-	-	-	-	-
<i>Sub-Total Vehicles-New</i>			50	-	-	-	-	-	50	-	-	-	-	-
Total All Projects			41,030	-	75	31,040	3,000	-	3,710	-	3,205	3,205	-	-

*Anomalies in amounts due to rounding