



**APPROVED OPERATING AND  
CAPITAL BUDGETS**

**2022**

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## 2022 APPROVED BUDGET SUMMARY

The City of Hamilton Tax Supported Operating Budget of \$993.5 M requires a 2.8% total property tax increase, which translates to \$120 for the average residential property assessed at \$382,000.

## 2022 MUNICIPAL TAX IMPACT

FOR THE AVERAGE RESIDENTIAL PROPERTY TAX BILL



*The 2022 operating budget also supports the priorities identified by Council for their current term of office. Council's priorities include Climate Change, Multi-Modal Transportation, Homelessness and Affordable Housing, Equity, Diversity and Inclusion, Integrated Growth and Development, Trust and Confidence in City Government, Fiscal Health and Financial Management, and supporting a Healthy and Respectful Workplace.*

- Anomalies due to rounding
- (1.6%) benefit for growth and education impact and 0.2% levy restrictions impact
- Average residential assessment: \$382,000



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**| APPROVED CONSOLIDATED CITY BUDGET:**

**GROSS EXPENDITURES**

**CITY OF HAMILTON**  
**2022 APPROVED CONSOLIDATED CITY BUDGET**  
**GROSS EXPENDITURES**  
*(\$ Million's)*

	Rate	Tax	Total
<b>Operating</b>	257.9	1,740.7	1,998.6
<b>Capital</b>	310.4	386.0	696.4
	568.3	2,126.7	2,694.9



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**| APPROVED TAX AND RATE OPERATING BUDGETS:  
COST CATEGORY SUMMARY**

## Cost Category Summary - Tax and Rate

	2020	2021	2022	Change	Change
	Actual	Restated Budget	Approved Budget	\$	%
Employee Related Cost	\$ 807,168,069	\$ 873,928,130	\$ 914,808,763	40,880,633	5.0%
Contractual	131,057,158	146,279,177	154,028,189	7,749,012	5.0%
Material & Supply	63,898,906	73,793,971	78,736,456	4,942,485	7.0%
Recoveries from Capital	(36,044,085)	(43,313,251)	(42,141,902)	1,171,349	(3.0)%
Vehicle Expenses	36,768,089	40,019,960	42,531,063	2,511,103	6.0%
Building & Ground	53,646,860	59,718,987	62,156,038	2,437,051	4.0%
Consulting	2,152,337	1,986,370	2,135,473	149,103	8.0%
Agencies & Support Payments	252,894,801	311,379,740	329,435,044	18,055,304	6.0%
Reserves/Recoveries	154,542,484	83,222,932	94,920,773	11,697,841	14.0%
Cost Allocations	15,123	912,530	827,135	(85,395)	(9.0)%
Financial	45,298,567	48,413,659	52,111,649	3,697,990	8.0%
Capital Financing	271,693,644	299,295,809	309,090,214	9,794,405	3.0%
Capital Expenditures	1,373,769	9,730	9,730	-	-
<b>Total Expenses</b>	<b>1,784,465,722</b>	<b>1,895,647,744</b>	<b>1,998,648,625</b>	<b>103,000,881</b>	<b>5.0%</b>
Fees & General	(175,313,782)	(204,032,068)	(214,545,865)	(10,513,797)	5.0%
Tax & Rates	(265,128,526)	(273,614,287)	(286,634,409)	(13,020,122)	5.0%
Grants & Subsidies	(370,784,290)	(378,759,527)	(384,250,557)	(5,491,030)	1.0%
Reserves	(49,300,970)	(84,822,944)	(119,680,063)	(34,857,119)	41.0%
<b>Total Revenues</b>	<b>(860,527,568)</b>	<b>(941,228,826)</b>	<b>(1,005,110,894)</b>	<b>(63,882,068)</b>	<b>7.0%</b>
<b>Net Levy</b>	<b>\$ 923,938,154</b>	<b>\$ 954,418,918</b>	<b>\$ 993,537,731</b>	<b>39,118,813</b>	<b>4.0%</b>



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| **Approved Net Tax Operating Budget: Summary**

# Net Levy Summary

	2020	2021	2022	Change	Change
	Actual	Restated Budget	Approved Budget	\$	%
<b>Planning &amp; Economic Development</b>					
General Manager PED	\$ 852,299	\$ 1,058,107	\$ 1,055,310	\$ (2,797)	(0.3)%
Transportation Planning and Parking	1,575,501	2,068,196	2,873,713	805,517	38.9%
Building	1,056,483	617,435	607,266	(10,169)	(1.6)%
Economic Development	5,293,182	5,584,009	5,666,969	82,960	1.5%
Growth Management	234,983	490,159	461,183	(28,976)	(5.9)%
Licensing & By-Law Services	6,062,590	6,801,670	6,941,528	139,858	2.1%
Planning	3,190,635	4,280,607	4,298,387	17,780	0.4%
Tourism & Culture	7,655,037	9,489,530	9,716,929	227,399	2.4%
<b>Total Planning &amp; Economic Development</b>	<b>25,920,710</b>	<b>30,389,713</b>	<b>31,621,285</b>	<b>1,231,572</b>	<b>37.5%</b>
<b>Healthy &amp; Safe Communities</b>					
HSC Administration	2,928,036	2,988,320	3,200,194	211,874	7.1%
Children's and Community Services	7,625,518	10,814,142	10,812,692	(1,450)	-%
Ontario Works	10,298,601	12,321,932	12,839,928	517,996	4.2%
Housing Services	42,802,832	47,325,863	53,936,981	6,611,118	14.0%
Long Term Care	10,710,109	11,524,860	11,770,778	245,918	2.1%
Recreation	29,582,473	35,319,640	36,270,757	951,117	2.7%
Hamilton Fire Department	91,861,940	93,288,450	96,124,445	2,835,995	3.0%
Hamilton Paramedic Service	25,703,206	28,102,491	29,113,294	1,010,803	3.6%
Public Health Services	10,892,927	13,503,923	14,068,153	564,230	4.2%
<b>Total Healthy &amp; Safe Communities</b>	<b>232,405,642</b>	<b>255,189,621</b>	<b>268,137,222</b>	<b>12,947,601</b>	<b>40.9%</b>

# Net Levy Summary

	2020	2021	2022	Change	Change
	Actual	Restated Budget	Approved Budget	\$	%
<b>Public Works</b>					
PW-General Administration	703,379	634,870	655,421	20,551	3.2%
Energy Fleet and Facilities	9,592,807	13,273,690	14,273,731	1,000,041	7.5%
Engineering Services	(614,910)	1,063	14	(1,049)	(98.7)%
Environmental Services	35,396,384	44,239,837	46,182,887	1,943,050	4.4%
Transit	72,851,826	80,834,700	86,784,630	5,949,930	7.4%
Transportation Operations & Maintenance	74,831,462	83,485,680	84,233,482	747,802	0.9%
Waste Management	42,432,224	44,104,615	46,368,524	2,263,909	5.1%
<b>Total Public Works</b>	<b>235,193,172</b>	<b>266,574,455</b>	<b>278,498,689</b>	<b>11,924,234</b>	<b>(70.2)%</b>
<b>Legislative</b>					
Legislative General	(325,049)	(379,022)	(363,297)	15,725	(4.1)%
Mayors Office	1,034,063	1,192,901	1,211,422	18,521	1.6%
Volunteer Committee	77,617	120,650	120,730	80	0.1%
Ward Budgets	3,826,233	4,236,600	4,314,419	77,819	1.8%
<b>Total Legislative</b>	<b>4,612,864</b>	<b>5,171,129</b>	<b>5,283,274</b>	<b>112,145</b>	<b>2.2%</b>
<b>City Manager</b>					
Office of the City Auditor	960,360	1,175,130	1,201,019	25,889	2.2%
CMO - Admin	342,260	209,272	233,422	24,150	11.5%
Communication & Strategic Initiatives	2,193,906	2,421,370	2,516,477	95,107	3.9%
Digital & Innovation Office	320,708	201,620	243,022	41,402	20.5%
Government & Community Relations	809,778	851,539	868,393	16,854	2.0%
Human Resources	6,785,893	8,163,026	8,587,081	424,055	5.2%
<b>Total City Manager</b>	<b>11,412,905</b>	<b>13,021,957</b>	<b>13,649,414</b>	<b>627,457</b>	<b>4.8%</b>



# Net Levy Summary

	2020	2021	2022	Change	Change
	Actual	Restated Budget	Approved Budget	\$	%
<b>Corporate Services</b>					
City Clerk's Office	2,777,848	2,995,074	3,213,004	217,930	7.3%
Customer Service POA and Finl Integration	5,384,132	5,824,465	6,003,386	178,921	3.1%
Financial Serv Taxation and Corp Controller	3,110,358	4,085,544	4,282,983	197,439	4.8%
Legal Services and Risk Management	3,397,959	4,008,805	4,010,029	1,224	-%
Corporate Services Administration	270,684	328,009	331,635	3,626	1.1%
Financial Planning Admin & Policy	4,661,385	5,219,615	5,369,610	149,995	2.9%
Information Technology	12,947,775	15,211,770	16,456,580	1,244,810	8.2%
<b>Total Corporate Services</b>	<b>32,550,141</b>	<b>37,673,282</b>	<b>39,667,227</b>	<b>1,993,945</b>	<b>5.3%</b>
<b>Corporate Financials - Expenditures</b>					
Corporate Initiatives	3,596,293	3,354,611	4,204,942	850,331	25.3%
Corporate Pensions Benefits & Contingency	64,988,789	15,653,960	15,745,393	91,433	0.6%
<b>Total Corporate Financials - Expenditures</b>	<b>68,585,082</b>	<b>19,008,571</b>	<b>19,950,335</b>	<b>941,764</b>	<b>5.0%</b>
<b>Hamilton Entertainment Facilities</b>					
Operating	4,999,508	4,037,180	2,337,713	(1,699,467)	(42.1)%
<b>Total Hamilton Entertainment Facilities</b>	<b>4,999,508</b>	<b>4,037,180</b>	<b>2,337,713</b>	<b>(1,699,467)</b>	<b>(42.1)%</b>
<b>Total City Expenditures</b>	<b>615,680,024</b>	<b>631,065,908</b>	<b>659,145,159</b>	<b>28,079,251</b>	<b>4.4%</b>

# Net Levy Summary

	2020	2021	2022	Change	Change
	Actual	Restated Budget	Approved Budget	\$	%
<b>City Depts Capital Financing</b>					
Debt Healthy & Safe Communities	1,972,757	3,546,160	2,309,070	(1,237,090)	(34.9)%
Debt Infrastructure Renewal Levy	13,428,869	13,428,870	13,428,870	-	-%
Debt Corporate Financials	84,211,551	89,959,980	92,884,930	2,924,950	3.3%
Debt Planning & Economic Development	26,497	1,563,290	1,168,790	(394,500)	(25.2)%
Debt Public Works	31,413,815	31,043,560	35,896,650	4,853,090	15.6%
<b>Total City Depts Capital Financing</b>	<b>131,053,489</b>	<b>139,541,860</b>	<b>145,688,310</b>	<b>30,826,767</b>	<b>22.1%</b>
<b>Boards &amp; Agencies</b>					
<b>Hamilton Police Service</b>					
Operating	170,815,156	175,352,230	180,133,354	4,781,124	2.7%
Capital Financing	662,384	1,234,794	3,409,185	2,174,391	176.09%
<b>Total Hamilton Police Service</b>	<b>171,477,540</b>	<b>176,587,024</b>	<b>183,542,539</b>	<b>6,955,515</b>	<b>3.9%</b>
<b>Boards &amp; Agencies</b>					
Library	31,577,601	32,027,987	32,709,984	681,997	13.4%
Conservation Authorities	8,196,013	8,459,770	8,651,200	191,430	2.3%
MPAC	6,845,333	6,979,668	6,979,670	2	-%
Hamilton Beach Rescue	133,340	131,570	132,870	1,300	1.0%
Royal Botanical Gardens	634,720	647,410	647,408	(2)	-%
Farmers' Market	77,768	115,060	242,360	127,300	110.6%
<b>Total Other Boards &amp; Agencies</b>	<b>47,464,775</b>	<b>48,361,465</b>	<b>49,363,492</b>	<b>7,957,542</b>	<b>16.5%</b>

# Net Levy Summary

	2020	2021	2022	Change	Change
	Actual	Restated Budget	Approved Budget	\$	%
<b>Library Capital Financing</b>	<b>191,240</b>	<b>166,280</b>	<b>166,010</b>	<b>(270)</b>	<b>(0.2)%</b>
<b>City Enrichment Fund</b>	<b>6,088,341</b>	<b>6,088,340</b>	<b>6,088,340</b>	<b>-</b>	<b>-%</b>
<b>Total Boards &amp; Agencies</b>	<b>225,221,896</b>	<b>231,203,109</b>	<b>239,160,381</b>	<b>7,957,272</b>	<b>3.44%</b>
<b>Total Expenditures</b>	<b>965,675,828</b>	<b>995,556,257</b>	<b>1,037,739,500</b>	<b>42,183,243</b>	<b>4.2%</b>
<b>Non Program Revenues</b>					
Payment In Lieu	(17,321,283)	(16,399,700)	(17,108,444)	(708,744)	4.32%
Penalties & Interest	(11,318,493)	(11,000,000)	(11,400,000)	(400,000)	3.64%
Right Of Way	(3,226,626)	(3,227,000)	(3,228,877)	(1,877)	0.06%
Senior Tax Credit	536,418	537,000	529,830	(7,170)	(1.34)%
Supplementary Taxes	(13,037,210)	(9,925,000)	(10,130,000)	(205,000)	2.07%
Tax Remissions & Write Offs	10,513,721	9,570,000	9,750,000	180,000	1.88%
Hydro Dividend & Other Interest	(5,300,000)	(5,281,480)	(6,566,400)	(1,284,920)	24.33%
Investment Income	(4,100,000)	(4,100,000)	(4,800,000)	(700,000)	17.07%
Slot Revenues	(5,200,000)	(5,200,000)	(5,200,000)	-	-%
POA Revenues	328,235	(2,365,770)	(2,302,220)	63,550	(2.69)%
<b>Total Non Program Revenues</b>	<b>(48,125,238)</b>	<b>(47,391,950)</b>	<b>(50,456,111)</b>	<b>(3,064,161)</b>	<b>6.47%</b>
<b>Total Net Levy Summary</b>	<b>\$ 923,830,171</b>	<b>\$ 954,418,927</b>	<b>\$ 993,537,739</b>	<b>\$ 39,118,812</b>	<b>4.10%</b>

CITY OF HAMILTON  
CONSOLIDATED CITY BUDGET

2022



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**| Approved Tax Operating Budget: Complement  
Summary**

# Complement Summary

	2021 Restated Budget	2022 Approved Budget	Change in FTE	Change %
<b>Planning &amp; Economic Development</b>				
General Manager PED	7.00	7.00	-	-%
Building	101.32	100.82	(0.50)	(0.5)%
Economic Development	46.99	46.99	-	-%
Growth Management	56.88	60.88	4.00	6.6%
Licensing & By-Law Services	110.15	113.15	3.00	2.7%
Transportation Planning and Parking Planning	140.24	141.24	1.00	0.7%
	93.00	96.00	3.00	3.1%
Tourism & Culture	72.79	74.04	1.25	1.7%
<b>Total Planning &amp; Economic Development</b>	<b>628.37</b>	<b>640.12</b>	<b>11.75</b>	<b>1.8%</b>
<b>Healthy &amp; Safe Communities</b>				
HSC Administration	35.50	33.50	(2.00)	(6.0)%
Children's and Community Services	87.00	90.00	3.00	3.3%
Ontario Works	210.00	210.00	-	-%
Housing Services	58.00	58.00	-	-%
Long Term Care	451.55	451.55	-	-%
Recreation	449.24	449.98	0.74	0.2%
Hamilton Fire Department	595.30	599.30	4.00	0.7%
Hamilton Paramedic Service	358.36	368.36	10.00	2.7%
Public Health Services	392.75	391.55	(1.20)	(0.3)%
<b>Total Healthy &amp; Safe Communities</b>	<b>2,637.70</b>	<b>2,652.24</b>	<b>14.54</b>	<b>0.5%</b>

# Complement Summary

	2021 Restated Budget	2022 Approved Budget	Change in FTE	Change %
<b>Public Works</b>				
PW-General Administration	7.30	7.30	-	-%
Energy Fleet and Facilities	181.95	182.21	0.26	0.1%
Engineering Services	123.33	123.33	-	-%
Environmental Services	394.64	397.62	2.98	0.7%
Transit	782.41	825.41	43.00	5.2%
Transportation Operations & Maintenance	406.71	406.71	-	-%
Waste Management	117.01	117.01	-	-%
<b>Total Public Works</b>	<b>2,013.35</b>	<b>2,059.59</b>	<b>46.24</b>	<b>2.2%</b>
<b>Legislative</b>				
Mayors Office	6.00	6.00	-	-%
Ward Budgets	16.00	16.00	-	-%
<b>Total Legislative</b>	<b>22.00</b>	<b>22.00</b>	<b>-</b>	<b>-%</b>
<b>City Manager</b>				
Office of the City Auditor	7.00	7.00	-	-%
CMO - Admin	2.00	2.00	-	-%
Communication & Strategic Initiatives	22.00	22.00	-	-%
Digital & Innovation Office	5.00	7.00	2.00	28.6%
Government & Community Relations	5.00	5.00	-	-%
Human Resources	78.50	79.00	0.50	0.6%
<b>Total City Manager</b>	<b>119.50</b>	<b>122.00</b>	<b>2.50</b>	<b>2.0%</b>

# Complement Summary

	2021 Restated Budget	2022 Approved Budget	Change in FTE	Change %
<b>Corporate Services</b>				
City Clerk's Office	29.00	29.00	-	-%
Customer Service POA and Finl Integration	93.47	96.97	3.50	3.6%
Financial Serv Taxation and Corp Controller	83.58	80.00	(3.58)	(4.5)%
Legal Services and Risk Management	67.00	78.00	11.00	14.1%
Corporate Services Administration	2.00	2.00	-	-%
Financial Planning Admin & Policy	80.00	84.58	4.58	5.4%
Information Technology	116.00	126.00	10.00	7.9%
<b>Total Corporate Services</b>	<b>471.05</b>	<b>496.55</b>	<b>25.50</b>	<b>5.1%</b>
<b>Total City Complement</b>	<b>5,891.97</b>	<b>5,992.50</b>	<b>100.53</b>	<b>1.7%</b>
<b>Boards &amp; Agencies</b>				
Library	291.61	297.00	5.39	1.8%
Police Services	1,180.50	1,194.50	14.00	1.2%
Farmers' Market	4.40	4.42	0.02	0.5%
<b>Total Boards &amp; Agencies</b>	<b>1,476.51</b>	<b>1,495.92</b>	<b>19.41</b>	<b>1.3%</b>
<b>Total Complement</b>	<b>7,368.48</b>	<b>7,488.42</b>	<b>119.94</b>	<b>1.6%</b>



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**| Approved Rate Operating Budget: Summary**

**CITY OF HAMILTON**  
**2022 HAMILTON WATER, WASTEWATER AND STORM OPERATING BUDGET**  
**COMBINED WATER, WASTEWATER AND STORM**

	2021	2021	2022	CHANGE		CHANGE	
	RESTATED	PROJECTED	APPROVED	2021 PROJECTED ACTUAL		2022 REQUESTED /	
<u>OPERATING EXPENDITURES:</u>	\$	\$	\$	\$	%	\$	%
Divisional Administration & Support	2,464,490	2,612,750	2,369,122	(148,260)	(6.0%)	(95,368)	(3.9%)
Woodward Upgrades	1,735,670	1,835,177	1,764,829	(99,507)	(5.7%)	29,159	1.7%
Customer Service	325,250	247,934	329,279	77,317	23.8%	4,029	1.2%
Outreach & Education	1,093,813	758,530	1,111,320	335,283	30.7%	17,507	1.6%
Service Co-ordination	3,500,605	3,221,147	3,581,202	279,459	8.0%	80,597	2.3%
Engineering Systems & Data Collection	1,172,372	571,107	1,153,746	601,265	51.3%	(18,626)	(1.6%)
Compliance & Regulations	1,005,054	959,455	1,019,823	45,600	4.5%	14,769	1.5%
Laboratory Services	3,553,884	3,705,037	3,743,598	(151,153)	(4.3%)	189,714	5.3%
Environmental Monitoring & Enforcement	2,215,026	2,099,337	2,478,749	115,689	5.2%	263,723	11.9%
Water Distribution & Wastewater Collection	21,894,147	23,871,167	24,122,428	(1,977,020)	(9.0%)	2,228,282	10.2%
Plant Operations	27,373,740	29,010,320	30,409,180	(1,636,580)	(6.0%)	3,035,440	11.1%
Plant Maintenance	10,815,523	10,729,602	11,708,771	85,922	0.8%	893,248	8.3%
Capital Delivery	2,072,271	2,144,734	2,254,575	(72,463)	(3.5%)	182,304	8.8%
Watershed Management	1,275,560	1,016,538	1,382,313	259,022	20.3%	106,753	8.4%
Infrastructure Planning & System Design	2,632,320	2,589,714	2,672,939	42,606	1.6%	40,619	1.5%
Wastewater Abatement Program	1,192,450	887,579	1,142,450	304,872	25.6%	(50,000)	(4.2%)
Alectra Utilities Service Contract	5,712,000	5,733,291	5,826,240	(21,291)	(0.4%)	114,240	2.0%
Corporate & Departmental Support Services	7,242,552	7,359,132	7,757,552	(116,580)	(1.6%)	515,000	7.1%
Utilities Arrears Program	500,320	354,080	500,320	146,240	29.2%	-	0.0%
Sewer Lateral Management Program	300,000	299,796	300,000	204	0.1%	-	0.0%
Hamilton Harbour Remedial Action Plan	370,964	547,987	578,964	(177,023)	(47.7%)	208,000	56.1%
Protective Plumbing Program (3P)	752,870	666,929	752,870	85,942	11.4%	-	0.0%
Financial Charges	86,020	86,020	86,020	-	0.0%	-	0.0%
	99,286,901	101,307,358	107,046,290	(2,020,458)	(2.0%)	7,759,390	7.8%
Capital and Reserve Recoveries	(8,635,161)	(8,611,797)	(8,635,161)	(23,363)	0.3%	-	0.0%
<b>Sub-Total</b>	<b>90,651,740</b>	<b>92,695,561</b>	<b>98,411,129</b>	<b>(2,043,821)</b>	<b>(2.3%)</b>	<b>7,759,390</b>	<b>8.6%</b>
<b><u>Capital and Reserve Impacts on Operating</u></b>							
<b><u>Contributions to Capital</u></b>							
Water Quality Initiatives	50,498,000	50,498,000	39,539,500	-	0.0%	(10,958,500)	(21.7%)
Wastewater	57,237,984	57,237,984	73,784,138	-	0.0%	16,546,154	28.9%
Stormwater	17,632,679	17,632,679	11,765,000	-	0.0%	(5,867,679)	(33.3%)
<b>Sub-Total Contributions to Capital</b>	<b>125,368,663</b>	<b>125,368,663</b>	<b>125,088,638</b>	<b>-</b>	<b>0.0%</b>	<b>(280,025)</b>	<b>(0.2%)</b>
<b><u>Contributions for DC Exemptions</u></b>							
Water Quality Initiatives	2,520,000	2,520,000	2,520,000	-	0.0%	-	0.0%
Wastewater	4,590,000	4,590,000	4,590,000	-	0.0%	-	0.0%
Stormwater	1,890,000	1,890,000	1,890,000	-	0.0%	-	0.0%
<b>Sub-Total Contributions for DC Exemptions</b>	<b>9,000,000</b>	<b>9,000,000</b>	<b>9,000,000</b>	<b>-</b>	<b>0.0%</b>	<b>-</b>	<b>0.0%</b>

**CITY OF HAMILTON**  
**2022 HAMILTON WATER, WASTEWATER AND STORM OPERATING BUDGET**  
**COMBINED WATER, WASTEWATER AND STORM**

	2021 RESTATED BUDGET	2021 PROJECTED ACTUAL	2022 APPROVED BUDGET	CHANGE 2021 PROJECTED ACTUAL / 2021 RESTATED BUDGET		CHANGE 2022 REQUESTED / 2021 RESTATED BUDGET	
	\$	\$	\$	\$	%	\$	%
<b><u>OPERATING EXPENDITURES:</u></b>							
<b><u>Capital Debt Charges</u></b>							
Water Quality Initiatives	9,844,773	8,266,428	11,068,076	1,578,345	16.0%	1,223,303	12.4%
Wastewater	12,534,242	10,781,146	12,881,726	1,753,096	14.0%	347,484	2.8%
Stormwater	2,490,898	2,356,948	3,584,490	133,950	5.4%	1,093,592	43.9%
DC Debt Charges Recoveries	(4,335,428)	(4,335,426)	(5,185,120)	(2)	0.0%	(849,692)	19.6%
<b>Sub-Total Debt Charges</b>	<b>20,534,485</b>	<b>17,069,096</b>	<b>22,349,172</b>	<b>3,465,389</b>	<b>16.9%</b>	<b>1,814,686</b>	<b>8.8%</b>
<b>Sub-Total Capital Financing</b>	<b>154,903,148</b>	<b>151,437,759</b>	<b>156,437,810</b>	<b>3,465,389</b>	<b>2.2%</b>	<b>1,534,661</b>	<b>1.0%</b>
<b>Reserve Transfers</b>	<b>-</b>	<b>(1,425,414)</b>	<b>3,001,973</b>	<b>1,425,414</b>	<b>0.0%</b>	<b>3,001,973</b>	<b>0.0%</b>
<b>Sub-Total Capital and Reserve Impacts on Operating</b>	<b>154,903,148</b>	<b>150,012,345</b>	<b>159,439,782</b>	<b>4,890,803</b>	<b>3.2%</b>	<b>4,536,634</b>	<b>2.9%</b>
<b>TOTAL EXPENDITURES</b>	<b>245,554,888</b>	<b>242,707,906</b>	<b>257,850,912</b>	<b>2,846,982</b>	<b>1.2%</b>	<b>12,296,024</b>	<b>5.0%</b>
<b><u>REVENUES:</u></b>							
<b><u>Rate Revenue</u></b>							
Residential	107,653,756	110,053,756	113,919,774	2,400,000	2.2%	6,266,018	5.8%
Industrial/Commercial/Institutional/Multi-res	118,417,217	113,967,217	123,323,962	(4,450,000)	(3.8%)	4,906,745	4.1%
Haldimand	2,588,952	2,588,952	2,834,077	-	0.0%	245,125	9.5%
Halton	269,837	269,837	282,410	-	0.0%	12,573	4.7%
Raw Water	128,750	103,750	105,000	(25,000)	(19.4%)	(23,750)	(18.4%)
Non-Metered	880,000	880,000	825,000	-	0.0%	(55,000)	(6.3%)
Private Fire Lines	1,924,000	1,924,000	1,980,000	-	0.0%	56,000	2.9%
Hauler / 3rd Party Sales	1,400,000	1,950,000	1,820,000	550,000	39.3%	420,000	30.0%
Overstrength Agreements	3,210,510	3,012,854	3,306,825	(197,656)	(6.2%)	96,315	3.0%
Sewer Surcharge Agreements	6,224,456	5,600,130	6,511,190	(624,327)	(10.0%)	286,734	4.6%
<b>Sub-Total Utility Rates</b>	<b>242,697,478</b>	<b>240,350,496</b>	<b>254,908,239</b>	<b>(2,346,982)</b>	<b>(1.0%)</b>	<b>12,210,761</b>	<b>5.0%</b>
<b><u>Non-Rate Revenue</u></b>							
Local Improvement Recoveries	275,850	275,850	275,850	-	0.0%	-	0.0%
Permits / Leases / Agreements	1,065,050	565,050	1,107,652	(500,000)	(46.9%)	42,602	4.0%
Investment Income	450,000	450,000	450,000	-	0.0%	-	0.0%
General Fees and Recoveries	1,066,510	1,066,510	1,109,170	-	0.0%	42,660	4.0%
<b>Sub-Total Non-Rate Revenue</b>	<b>2,857,410</b>	<b>2,357,410</b>	<b>2,942,672</b>	<b>(500,000)</b>	<b>(17.5%)</b>	<b>85,262</b>	<b>3.0%</b>
<b>TOTAL REVENUES</b>	<b>245,554,888</b>	<b>242,707,906</b>	<b>257,850,912</b>	<b>(2,846,982)</b>	<b>(1.2%)</b>	<b>12,296,023</b>	<b>5.0%</b>
<b>NET EXPENDITURES</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0.0%</b>	<b>-</b>	<b>0.0%</b>

CITY OF HAMILTON  
CONSOLIDATED CITY BUDGET

2022



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**| Approved Rate Operating Budget: Complement  
Summary**

**CITY OF HAMILTON**  
**2022 APPROVED BUDGET**  
**RATE OPERATING BUDGET COMPLEMENT**

	2021	2022	2022 Approved vs.	
	Restated	Approved	2021 Restated	
	Budget	Budget	FTE	%
<b><u>RATE SUPPORTED STAFF</u></b>				
Director Hamilton Water	2.00	2.00	0.00	0.0%
Project Management Office	5.00	5.00	0.00	0.0%
WWW Operations Director	2.00	2.00	0.00	0.0%
Woodward Upgrades	7.00	7.00	0.00	0.0%
Inventory & Fleet Management	6.00	6.00	0.00	0.0%
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	22.00	0.00	0.0%
Engineering Systems & Data Collection	9.00	9.00	0.00	0.0%
Compliance & Regulations	7.00	8.00	1.00	14.3%
Laboratory Services	25.00	25.00	0.00	0.0%
Environmental Monitoring & Enforcement	16.00	17.00	1.00	6.3%
Water Distribution (WD) & Wastewtr Collection (WWC)	5.00	5.00	0.00	0.0%
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	19.00	19.00	0.00	0.0%
WD & WWC Operations	21.00	23.00	2.00	9.5%
WD & WWC Storm	8.00	8.00	0.00	0.0%
WWW Planning & Capital Director	2.00	2.00	0.00	0.0%
Plant Operations & Maintenance	6.00	9.00	3.00	50.0%
Plant Maintenance & Technical Services	1.00	1.00	0.00	0.0%
Plant Maintenance	30.00	30.00	0.00	0.0%
Plant SCADA	6.00	7.00	1.00	16.7%
Plant Technical Services	5.00	6.00	1.00	20.0%
Plant Operations	44.00	45.00	1.00	2.3%
Capital Delivery	15.00	15.00	0.00	0.0%
Infrastructure Planning and System Design	19.00	19.00	0.00	0.0%
Watershed Management	5.00	5.00	0.00	0.0%
<b>TOTAL RATE SUPPORTED STAFF</b>	<b>337.65</b>	<b>347.65</b>	<b>10.00</b>	<b>3.0%</b>

\*Anomalies in amounts due to rounding



CITY OF HAMILTON  
CONSOLIDATED CITY BUDGET

2022



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**| Approved Tax Capital Budget and Financing Plan:  
Summary Report**

**City of Hamilton  
Tax Capital Budget  
Proposed - 2022 Capital Budget Project List  
(\$)**

Department	Division	Project ID	Project Title	Gross Costs	Grants and Subsidies	Other External Revenue	Development Charges (Inc Debt)	Rate Funding	Reserves	WIP	Net Cost	Financing Sources					
												From Operating	External Debt	Federal Gas Tax	Other: Reserves and HUC Dividends		
City Manager	Digital & Innovation Office	3381858502	Enhancing City of Hamilton App for citizen services	25,000							25,000	25,000					
		3381858503	Digital/Open Data Infrastructure	100,000								100,000	100,000				
		3381959501	Digital Office: Smart City and Digital Transformation Program	300,000								300,000	300,000				
<b>City Manager Total</b>	<b>Digital &amp; Innovation Office Total</b>			<b>425,000</b>							<b>425,000</b>	<b>425,000</b>					
Corporate Services	Customer Service & POA	2052157002	Replacement of Integrated Court Offences Network and Collections Administration Management Software														
		2052255200	Study-Generator Back Up	200,000								200,000					200,000
	<b>Customer Service &amp; POA Total</b>			<b>295,000</b>							<b>295,000</b>	<b>295,000</b>				<b>200,000</b>	
Finance		2052180510	DC Exemptions Recovery	10,000,000							10,000,000		7,700,000			2,300,000	
		2052255201	Administrative Penalties Expansion and Operational Enhancement Review	250,000								250,000		250,000			
	<b>Finance Total</b>			<b>10,250,000</b>							<b>10,250,000</b>	<b>7,950,000</b>				<b>2,300,000</b>	
Information Technology		3501757702	Network Infrastructure Sustainability and Continuous Improvement	340,000						340,000							
		3501957905	IT Strategy - Strategic Theme Enabling Our People	190,000								190,000		190,000			
		3501957906	IT Strategy - Strategic Theme IT Optimization	100,000								100,000		100,000			
		3501957910	Messaging (Email) Platform Migration	295,000								295,000		295,000			
		3502157602	IT Security	142,000							142,000						
		3502157907	Business Systems and Services Continuity Plan	150,000								150,000		150,000			
		3502157202	IT Asset Management Program	200,000								200,000		200,000			
		3502257200	IT Strategy Refresh	410,000								410,000		410,000			
		3502257201	Accounts Payable Approval and Workflow Software Upgrade	225,000								225,000		225,000			
		3502257202	Deployment of Enterprise reporting and Visualization software	70,000								70,000		70,000			
		3502257203	Information Security Program	850,000								850,000		850,000			
		3502257204	Legacy software upgrade	150,000								150,000		150,000			
		3502257205	EDRMS - Enterprise Data and Records Management System Project	350,000								350,000		350,000			
	<b>Information Technology Total</b>			<b>3,472,000</b>						<b>482,000</b>	<b>2,990,000</b>	<b>2,990,000</b>					
<b>Corporate Services Total</b>				<b>14,017,000</b>						<b>482,000</b>	<b>13,535,000</b>	<b>11,035,000</b>				<b>2,500,000</b>	
Council Initiatives	Council Initiatives	3302109014	Ward 14 Capital Reinvestment	100,000							100,000						
		3302109100	Ward 1 Capital Reinvestment	100,000							100,000						
		3302109200	Ward 2 Capital Reinvestment	100,000							100,000						
		3302109300	Ward 3 Capital Reinvestment	100,000							100,000						
		3302109400	Ward 4 Capital Reinvestment	100,000							100,000						
		3302109500	Ward 5 Capital Reinvestment	100,000							100,000						
		3302109600	Ward 6 Capital Reinvestment	100,000							100,000						
		3302109700	Ward 7 Capital Reinvestment	100,000							100,000						
		3302109800	Ward 8 Capital Reinvestment	100,000							100,000						
		2112156401	Confidential - Parkland Acquisition	1,500,000									1,500,000		1,500,000		
	<b>Council Initiatives Total</b>			<b>2,400,000</b>						<b>900,000</b>	<b>1,500,000</b>	<b>1,500,000</b>					
<b>Council Initiatives Total</b>				<b>2,400,000</b>						<b>900,000</b>	<b>1,500,000</b>	<b>1,500,000</b>					
Healthy & Safe Communities	Hamilton Fire Department	7402251100	Annual Equipment Replacement	1,407,600							1,407,600						
		7402251101	Annual Vehicle Replacement	3,554,000								3,554,000					
		7402251102	HFD Technology	500,000								500,000		500,000			
	<b>Hamilton Fire Department Total</b>			<b>5,461,600</b>						<b>4,961,600</b>	<b>500,000</b>	<b>500,000</b>					
Hamilton Paramedic Service		7642251100	Annual Vehicle Replacement	1,659,780							1,659,780						
		7642251101	Annual Equipment Replacement	3,307,870								3,307,870		500,000			
	<b>Hamilton Paramedic Service Total</b>			<b>4,967,650</b>						<b>4,467,650</b>	<b>500,000</b>	<b>500,000</b>					
Housing Services		6731841610	Poverty Reduction Investment (PRI) - Indigenous Poverty Reduction	1,000,000							1,000,000					1,000,000	
		6731841611	Poverty Reduction Investment (PRI) - Social Housing Repairs & Renovations	2,000,000								2,000,000				2,000,000	
		6732241302	Social Housing Capital Repairs and Regeneration	500,000								500,000		500,000			
	<b>Housing Services Total</b>			<b>3,500,000</b>						<b>3,500,000</b>	<b>500,000</b>	<b>500,000</b>				<b>3,000,000</b>	
Social Services		6502141100	Human Services Integration - Continuous Improvement Projects	160,000							160,000		160,000				
			<b>Social Services Total</b>			<b>160,000</b>					<b>160,000</b>	<b>160,000</b>					
<b>Healthy &amp; Safe Communities Total</b>				<b>14,089,250</b>						<b>9,429,250</b>	<b>4,660,000</b>	<b>1,660,000</b>				<b>3,000,000</b>	
Outside Boards & Agencies	CityHousing Hamilton	6182141602	City Housing Contribution	500,000							500,000		500,000				
			<b>CityHousing Hamilton Total</b>			<b>500,000</b>					<b>500,000</b>	<b>500,000</b>					
H.C.A. & Westfield Heritage Village		3802156100	Hamilton Conservation Authority Critical and Safety Projects	1,850,000							1,850,000		1,850,000				
		3802158902	Westfield Heritage Village - Critical and/or Safety Projects	150,000								150,000		150,000			
	<b>H.C.A. &amp; Westfield Heritage Village Total</b>			<b>2,000,000</b>						<b>2,000,000</b>	<b>2,000,000</b>						
Hamilton Beach Rescue (HBRU)		2862151700	HBRU Renovations & Equipment Purchases	70,000							70,000						
			<b>Hamilton Beach Rescue (HBRU) Total</b>			<b>70,000</b>					<b>70,000</b>						
Police Services		3761951812	Hamilton Police Stations- Roof Repairs and HVAC	200,000							200,000		200,000				
		3762051007	Police Personal Issued Portable Radio Replacement														
		3762041001	Basement Superstructure & Brick Repairs (Central)	1,400,000								1,400,000		1,400,000			
		3762251202	Generator System/Fuel Upgrade - Station 10 - Central	275,000								275,000		275,000			
				75,000							75,000		75,000				



**City of Hamilton  
Tax Capital Budget  
Proposed - 2022 Capital Budget Project List  
(\$)**

Department	Division	Project ID	Project Title	Gross Costs	Grants and Subsidies	Other External Revenue	Development Charges (Inc Debt)	Rate Funding	Reserves	WIP	Net Cost	Financing Sources				
												From Operating	External Debt	Federal Gas Tax	Other: Reserves and HUC Dividends	
		3762251203	2022 Fuel Tank Replacement - Station 20 - East End	350,000							350,000	350,000				
		3762251204	Boiler Replacement/Humidifier Piping - Station 20 - East End	260,000							260,000	260,000				
		3762251205	2022 Generator/Diesel Tank Repair - Station 30 - Mountain	65,000							65,000	65,000				
		3762251207	2022 Chubb Panel Upgrade - All Police Stations	150,000					150,000		-	-				
		3762251208	9MM Conversion (Clock Program)	183,060					183,060		-	-				
		3762251103	Mobile Command Centre (MCC)	750,000			562,500		187,500		-	-				
		<b>Police Services Total</b>		<b>3,708,060</b>			<b>562,500</b>		<b>520,560</b>		<b>2,625,000</b>	<b>2,625,000</b>				
		<b>Outside Boards &amp; Agencies Total</b>		<b>6,278,060</b>			<b>562,500</b>		<b>590,560</b>		<b>5,125,000</b>	<b>5,125,000</b>				
Planning & Economic Development	Economic Development	3621708900	Economic Development Initiatives	1,000,000							1,000,000	1,000,000				
		3621750301	Confidential - Employment Land Bank Interest	300,000					300,000		-	-				
		4051980940	New Traffic Signal - Garner @ Hwy 5	250,000			237,500				12,500	12,500				
		8202203200	Office Tenancy Assistance Program	37,500							37,500	37,500				
		3622208202	Brownfield Development	400,000							400,000	400,000				
		8202241200	Hamilton Heritage Property Improvement Grant Program (Downtown Block)	500,000							500,000	500,000				
		8202203202	Barton/Kenilworth Commercial Corridor Building Improvement Grant Program	100,000							100,000	100,000				
		8202203201	Barton and Kenilworth Rebate of Planning and Building Fees (Downtown Block)	200,000							200,000	200,000				
		8202203203	BIA Commercial Property Improvement Grant Program	500,000							500,000	500,000				
		8202203204	Commercial Property Improvement Grant Program (Downtown Block)	223,500							223,500	223,500				
		8202203206	Community Downtowns and BIAs	224,000							224,000	224,000				
		8202203207	Downtown West Harbourfront Remediation Loan Program	25,000							25,000	25,000				
		<b>Economic Development Total</b>		<b>3,760,000</b>			<b>237,500</b>		<b>300,000</b>		<b>3,222,500</b>	<b>3,222,500</b>				
	Growth Management	4031280288	Burke St/Mountain Brow Road - Waterdown	1,500,000							1,425,000	75,000				
		4031380360	Waterdown - Burlington Road Upgrades	9,990,000				9,990,000			-	-				
		4031380390	East-West Road Corridor (Waterdown By-Pass) CASH FLOW	10,000,000					9,500,000		500,000	500,000				
		4032280280	RHBP - Nebo - 800m s/o Twenty to future Dartnall Rd Extension	350,000					297,500		52,500	52,500				
		4032280285	Southcote - Garner to 970m southerly (hydro corridor) (AEGD)	3,500,000					2,975,000		525,000	525,000				
		4032280253	Arvin Ave - McNeilly to Lewis	1,900,000					1,900,000		-	-				
		4032280281	Shaver Rd - Trustwood to Garner (AIP)	726,000					617,100		108,900	108,900				
		4032280282	Binbrook - Royal Winter/Binhaven to Fletcher	6,840,000					5,814,000		1,026,000	1,026,000				
		4032255281	Southcote / Smith / Collector 2W Corridor Class EA	725,000					616,250		108,750	108,750				
		4032280283	Twenty Road Extension - Glover Road to future Upper Red Hill Valley Parkway	3,375,000					3,075,000		300,000	300,000				
		<b>Growth Management Total</b>		<b>38,906,000</b>			<b>36,209,850</b>				<b>2,696,150</b>	<b>2,696,150</b>				
	Planning Services	8121255620	Part IV Designation of Properties under the Ontario Heritage Act	135,000							135,000	135,000				
		8121957900	3D Model Development	130,000							130,000	130,000				
		8122255200	Future Urban Growth Areas Secondary Plans and Associated Studies	1,825,000			1,003,750				821,250	821,250				
		<b>Planning Services Total</b>		<b>2,090,000</b>			<b>1,003,750</b>				<b>1,086,250</b>	<b>1,086,250</b>				
	Tourism & Culture	7201841803	St. Mark's Restoration	1,372,000							1,372,000	1,372,000				
		7202058202	Collections Management	100,000							100,000	100,000				
		7202158210	Built Heritage Inventory	80,000							80,000	80,000				
		7202158213	Museum Development Process	55,000							55,000	55,000				
		7102258200	Binbrook Branch Hamilton Public Library Public Art	100,000						100,000	-	-				
		7102258201	Vincent Massey Park Public Art	125,000						125,000	-	-				
		7102258202	Andrew Warburton Memorial Park Public Art	125,000						125,000	-	-				
		7202241201	Dundurn Balcony Restoration	95,000							95,000	95,000				
		<b>Tourism &amp; Culture Total</b>		<b>2,052,000</b>						<b>350,000</b>	<b>1,702,000</b>	<b>1,702,000</b>				
	General Manager PED	8122255001	Engineering Standards Update	250,000				225,000			25,000	-				
		4142246100	2022 - City Share of Servicing Costs In Subdivisions	3,000,000				3,000,000			-	-				
		<b>General Manager PED Total</b>		<b>3,250,000</b>			<b>3,225,000</b>				<b>25,000</b>	<b>-</b>				
	Transportation, Planning and Parking	4901751700	Parking Payment Equipment	250,000							250,000	-				
		4901945900	Waterproofing Membrane Replacement - Convention Centre Parking Garage	500,000	52,000						448,000	-				
		4031718126	Centennial Bridge over the QEW - multi-use path	430,000							430,000	430,000				
		4032017050	Bicycle Infrastructure Upgrades	250,000							250,000	250,000				
		4032017051	Waterdown Traffic Management Implementation	250,000							250,000	250,000				
		4032117053	Bicycle Boulevard (Neighbourhood Greenways) Program	170,000							170,000	170,000				
		4032155744	TMP Modelling & Monitoring	50,000							50,000	50,000				
		4032155820	Sustainable Mobility Program	400,000							400,000	400,000				
		4032155940	Transportation Tomorrow Survey	100,000							100,000	100,000				
		4662117124	On Street Bike Facilities	450,000							450,000	450,000				
		4902157201	Parking Meter Mechanism and Housing Replacement	200,000							200,000	-				
		4902257200	Municipal Car Park and Wayfinding Signage Replacement	50,000							50,000	-				



**City of Hamilton  
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Department	Division	Project ID	Project Title	Gross Costs	Grants and Subsidies	Other External Revenue	Development Charges (Inc Debt)	Rate Funding	Reserves	WIP	Net Cost	Financing Sources					
												From Operating	External Debt	Federal Gas Tax	Other: Reserves and HUC Dividends		
			Transportation Network Review and Implementation Plan	210,000			210,000				-						
		403225242		134,000			67,000			67,000	-						
		4902257201	Curbside Management Tool	100,000					100,000		-						
			<b>Transportation, Planning and Parking Total</b>	<b>3,544,000</b>	<b>52,000</b>	<b>-</b>	<b>277,000</b>	<b>-</b>	<b>1,048,000</b>	<b>377,000</b>	<b>1,790,000</b>	<b>1,790,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
			<b>Planning &amp; Economic Development Total</b>	<b>53,650,000</b>	<b>52,000</b>	<b>-</b>	<b>40,953,100</b>	<b>-</b>	<b>1,723,000</b>	<b>377,000</b>	<b>10,496,900</b>	<b>10,496,900</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
			<b>Public Works Tax Funded</b>	<b>3,650,000</b>	<b>-</b>	<b>-</b>	<b>3,650,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
	Energy, Fleet and Facilities	7101754805	Sir Wilfrid Laurier Gymnasium Addition.	1,000,000							1,000,000	1,000,000					
		3542041002	City Hall Garage Roof Slab Structural Rehabilitation	170,000					170,000		-	-					
		4942151001	Shop Equipment Replacement	780,000					780,000		-	-					
		4942151004	Street Sweeper Purchase	10,154,000					10,154,000		-	-					
		4942151100	Fleet Vehicle&Equipment Replace Program	240,000							240,000	240,000					
		7102141706	Program - Recreation Centre Retrofits	800,000							800,000	800,000					
		7102154405	Program - Park & Fieldhouse Retrofits	125,000							125,000	125,000					
		7102154536	Program - Arena Retrofits	90,000							90,000	90,000					
		7102154702	Program - Facility Capital Maintenance	60,000							60,000	60,000					
		7102154703	Program - Senior Centre Retrofits	210,000					210,000		-	-					
		3542141910	Stoney Creek City Hall -RCMP Lease Capital Replacement	200,000							200,000	200,000					
		3542141009	Program - Compliance Remediation	310,000							310,000	310,000					
		3542141409	Program - Facilities Code & Legislative Compliance	1,500,000							1,500,000	1,500,000					
		3542141412	Program - Roof Management	228,000							228,000	228,000					
		3542141532	Program - Facility Capital Maintenance	200,000							200,000	200,000					
		3542151001	Program - Mechanical Infrastructure Life-cycle Renewal	170,000							170,000	170,000					
		3542155100	Corporate Facilities Audit Program	250,000							250,000	250,000					
		3542141013	Program - Firestations Facility Upgrade	250,000							250,000	250,000					
		3542141010	Program - Facility Upgrades to Hamilton Public Libraries	250,000							250,000	250,000					
		3542155001	Yard Capital Renewal Program	225,000							225,000	225,000					
		6302141100	Macassa and Wentworth Lodges Roof	500,000							500,000	500,000					
		6302141101	Program - ML & WL Facility Capital Maintenance	250,000					250,000		-	-					
		6302151101	Macassa Lodge Carpet Removal	50,000					50,000		-	-					
		6302151102	Program - ML & WL Keyscan and Hardware	20,000					20,000		-	-					
		6302151103	Program - ML & WL Equipment Life-cycle Renewal	265,000					265,000		-	-					
		7102151001	Program - Mechanical Infrastructure Life-cycle Renewal	75,000							75,000	75,000					
		7102155101	Program - Recreation Facilities Audit	90,000							90,000	90,000					
		7102145215	Program - Parking Lot Management	200,000							200,000	200,000					
		7102154216	Program - Roof Management	2,850,000							2,850,000	2,850,000					
		7102254201	Stadium Precinct Park Fieldhouses & Washrooms	6,100,000							-	-					
		3542241201	Program - Building Automation System	250,000			6,100,000				250,000	250,000					
		6302251201	ML/WL Touchless Faucets	150,000						150,000	-	-					
		3722241805	Program - Facilities Security	800,000							800,000	800,000					
		6302251202	Macassa Lodge Laundry	15,000							15,000	-					
		7902248201	Bennetto Aquatic Centre: Rec Heat Reclaim & Controls Project	50,000						50,000	-	-					
		7902248202	Chedoke Arena: Variable Speed HRV & Exterior Lighting Project	145,000							145,000	-					
		7902248203	Dundas Town Hall: Demand Control Ventilation and Lighting Upgrade to LEDs	75,000							75,000	-					
		7902248204	Fire Station 5 Complex: Lighting Upgrade to LEDs	75,000							75,000	-					
		7902248205	Jimmy Thompson Pool: Filter Pumps VFD Installation Project	13,000							13,000	-					
		7902248206	Ryerson Aquatic Centre: Heat Reclaim/Controls & Heating Pump/HVAC VFD Project	83,000							83,000	-					
		7902248207	Wentworth Ops Centre: 2022 Lighting Upgrade to LEDs	275,000							275,000	-					
		7102251201	Facility Vehicles	50,000							50,000	50,000					
		4942251205	Upgrade to Winfuel Attendants	60,000							60,000	-					
			<b>Energy, Fleet and Facilities Total</b>	<b>33,053,000</b>	<b>-</b>	<b>-</b>	<b>9,750,000</b>	<b>-</b>	<b>12,840,000</b>	<b>-</b>	<b>10,463,000</b>	<b>10,463,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
	Transit Services	5301783700	HSR Bus Expansion Program - 10 Year Plan	4,162,000	3,052,000		336,000				774,000	-					
		5302083001	HSR Expansion Buses - Modal Split	7,491,000	5,493,000		605,000				1,393,000	-					
		5302184102	Real-Time Operations Management	2,750,000	2,016,600							733,400	733,400				
		5302184103	A-Line Priority Bus Corridor	2,000,000	1,466,600							533,400	533,400				
		5302218001	Birch Avenue Bridge/Road Works	39,965,000	29,306,300							10,658,700	10,658,700				
		5302183101	Active Transportation Connections	900,000	660,000					240,000	-	-					
		5302185803	Terminal and End of Line Rehabilitation	75,000							75,000	75,000					
		5302185804	Bus Stop Shelter Rehabilitation	125,000							125,000	125,000					
		5302185902	Transit Shelter and Landing Pad Expansion Program	150,000						150,000	-	-					
		5302183100	HSR Bus Replacement Program	18,684,000	13,041,000						5,643,000	-					
		5302183503	Nonrevenue Vehicle Replace Program	85,000							85,000	-					
		5302249001	Operator Washroom Conveniences	300,000							300,000	300,000					
		5302283002	Reserve Shortfall - OBR Program	700,000							700,000	700,000					
			<b>Transit Services Total</b>	<b>77,387,000</b>	<b>55,035,500</b>	<b>-</b>	<b>941,000</b>	<b>-</b>	<b>8,285,000</b>	<b>-</b>	<b>13,125,500</b>	<b>1,200,000</b>	<b>11,925,500</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
	Waste Management	5121949003	CCF Lifecycle Replacement	267,000							95,000	172,000					
		5122051501	Waste Collection Fleet Replacement	500,000							500,000	-					
		5122091001	Glanbrook Landfill Stage 3 Development- Cells C, D, & E	5,500,000								5,500,000			5,500,000		



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												From Operating	External Debt	Federal Gas Tax	Other: Reserves and HUC Dividends	
		5122155137	Waste Management R & D Program	145,000							145,000	145,000				
		5122190200	Diversion Container Replacement Program	980,000			98,000		882,000		-	-				
		5122191000	Glanbrook Landfill Capital Improvement Program	327,000							327,000		327,000			
		5122192000	Closed Landfill Maintenance & Capital Improvement Program	396,000							396,000		396,000			
		5122193000	Maintenance & Capital Improvements to the Resource Recovery Centre (RRC) Program	304,000			106,400				197,600		197,600			
		5122194000	Transfer Station/CRC Maintenance & Capital Improvement Program	221,000							221,000		221,000			
		5122194920	Environmental Services Legislative Compliance Program	185,000							185,000		185,000			
		5122195225	SWMMP Approvals	150,000							150,000		150,000			
		5122251102	Security System Upgrades - Waste Collections Yard	15,000							15,000		15,000			
		5122251103	Waste Packers Reversing Safety Sensors	48,000							48,000		48,000			
		5122251104	Waste Collection Vehicle Technology	20,000							20,000		20,000			
		5122194029	SWMMP - Recommendation 6: Alternative Disposal Facility	200,000							200,000		200,000			
		<b>Waste Management Total</b>		<b>9,258,000</b>			<b>204,400</b>		<b>1,477,000</b>		<b>7,576,600</b>		<b>1,353,600</b>	<b>6,223,000</b>		
	Engineering Services	4031218526	Bridge 451 - Hwy 5 E, 120m e/o Mill St S	200,000							200,000		200,000			
		4031818089	Bridge 089 - Creighton Rd, 30 m s/o Mill St	1,200,000							1,200,000		1,200,000		1,020,000	
		4031818159	Bridge 159 - Regional Rd 56 to 615m s/o Hall Rd	1,260,000							1,260,000		1,260,000		1,071,000	
		4031818189	Bridge 189 - Regional Rd 56, 565 m s/o Kirk Rd - CASH FLOW	422,000							422,000		422,000			
		4031818296	Bridge 296 - Governor's Rd, 45m e/o Ogilvie St	1,170,000						450,000	720,000		108,000		612,000	
		4031818404	Bridge 404 - Harrison Rd - 910m s/o Kirk Road	1,400,000							1,400,000		210,000		1,190,000	
		4031818437	Bridge 437 - Miles Rd, 610m s/o Dickenson Rd E	230,000						230,000	-		-			
		4031911601	Council Priority - Ward 1 Minor Rehabilitation	180,000							180,000		180,000			
		4031911602	Council Priority - Ward 2 Minor Rehabilitation	180,000							180,000		180,000			
		4031911603	Council Priority - Ward 3 Minor Rehabilitation	180,000							180,000		180,000			
		4031911604	Council Priority - Ward 4 Minor Rehabilitation	180,000							180,000		180,000			
		4031911605	Council Priority - Ward 5 Minor Rehabilitation	180,000							180,000		180,000			
		4031911606	Council Priority - Ward 6 Minor Rehabilitation	180,000							180,000		180,000			
		4031911607	Council Priority - Ward 7 Minor Rehabilitation	180,000							180,000		180,000			
		4031911608	Council Priority - Ward 8 Minor Rehabilitation	180,000							180,000		180,000			
		4031911609	Council Priority - Ward 9 Minor Rehabilitation	180,000							180,000		180,000			
		4031911610	Council Priority - Ward 10 Minor Rehabilitation	180,000							180,000		180,000			
		4031911611	Council Priority - Ward 11 Minor Rehabilitation	180,000							180,000		180,000			
		4031911612	Council Priority - Ward 12 Minor Rehabilitation	180,000							180,000		180,000			
		4031911613	Council Priority - Ward 13 Minor Rehabilitation	180,000							180,000		180,000			
		4031911614	Council Priority - Ward 14 Minor Rehabilitation	180,000							180,000		180,000			
		4031911615	Council Priority - Ward 15 Minor Rehabilitation	180,000							180,000		180,000			
		4031917943	Sherman Access East Retaining Wall Replacement	150,000							150,000		150,000			
		4031918048	Bridge 048 - Jones St, 110m w/o King St E	680,000						650,000	30,000		30,000			
		4032011021	Dundas - First to Hamilton-Burlington boundary	700,000							700,000		105,000		595,000	
		4032011026	Mud - Paramount to Upper Centennial Parkway	300,000							300,000		300,000			
		4032011028	Southcote - Garner to Highway 403 Bridge	3,060,000			1,836,000				1,224,000		1,224,000			
		4032011045	LINC Rehabilitation - Asphalt Repair	1,500,000							1,500,000		225,000		1,275,000	
		4032018414	Bridge 414 - Miles Road, 130m s/o Dickenson Rd E	155,000						155,000	-		-			
		4032019103	Marion - Longwood to Drumore	1,560,000				480,000		390,000	690,000		690,000		690,000	
		4032019105	Glenmorris / Underhill / Sleepy Hollow / Wilmar (York Heights / Hunter NBHD)	2,490,000				910,000			1,580,000		316,000		1,264,000	
		4032055040	Rymal EA - Dartnall to Upper James	50,000							50,000		50,000			
		4411606102	Pier 5-7 Boardwalk	6,000,000							6,000,000		717,100	1,260,000	4,022,900	
		4411806102	Macassa Bay Shoreline Improvements	3,200,000							3,200,000		3,200,000			
		4411806103	Macassa Bay Boardwalk and Trail	3,000,000							3,000,000		450,000		2,550,000	
		4411806104	West Harbour Public Art	150,000							150,000		150,000			
		4032119102	Arvin - Dosco to Jones	150,000							150,000		150,000			
		4032119104	Hatt & Bond - King to Market	250,000							250,000		250,000			
		4032211020	Highland Rd W - Winterberry to Glenhollo	860,000							860,000		129,000		731,000	
		4032211022	Burlington - James to Ferguson	1,350,000							1,350,000		202,500		1,147,500	
		4032219196	Governor's - Main to Ogilvie (Bridge 296)	1,140,000				240,000		900,000	-		-			
		4032218086	Bridge 086 - Cross St, 25m s/o Alma	150,000							150,000		150,000			
		4032218301	Bridge 301 - Coates Dr, 660m e/o Olympic Dr	150,000							150,000		150,000			
		4032218346	Bridge 346 - Centre Rd, 195m s/o Carlisle Rd	150,000						150,000	-		-			
		4032218347	Bridge 347 - Carlisle Rd, 355 m w/o Wildberry Way	120,000						120,000	-		-			
		4032219105	Rymal - Upper James to Upper Wellington	180,000						153,000	27,000		27,000			
		4032219106	Rymal - Upper Ottawa to Dartnall	180,000						153,000	27,000		27,000			
		4032280290	Mohawk - McNiiven to Hwy 403	150,000						90,000	60,000		60,000			
		4412206104	Police Marine Facility Replacement	5,700,000			3,420,000				2,280,000		2,280,000			
		4032110066	Minor Construction Program	270,000						270,000	-		-			
		4032111222	New Sidewalk Program	1,096,000			237,500			846,000	12,500		12,500			
		4032111225	Geotechnical Investigation Program	720,000							720,000		720,000			
		4032118217	Bridge and Culvert Major Maintenance - Engineering Services	1,160,000						500,000	660,000		99,000		561,000	
		4032118218	OSM Bridge, Culvert, Retaining Wall & Overhead Sign Inspections	670,000						370,000	300,000		300,000			
		4032118219	Structural Investigations and Reports	490,000						90,000	400,000		400,000			
		4032119106	Kelvin - Old Orchard to south end	240,000					100,000	140,000	-		-			



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												From Operating	External Debt	Federal Gas Tax	
		403219109	Scenic - Mohawk to Chateau Cr	5,000,000						100,000	4,900,000	735,000		4,165,000	
		403219112	Strathearne - Main to Britannia	1,850,000				600,000			1,250,000	-		1,250,000	
		4032149555	QA-QC Service Contract Program	290,000						230,000	60,000	60,000			
		4032155556	Mapping Update Program	40,000							40,000	40,000			
		4032162073	Field Data Systems Program	110,000							110,000	110,000			
		4042110004	Escarpment Slope & Appurtenance Stabilization Program	1,170,000							1,000,000	150,000		850,000	
		4042110417	Retaining Wall Rehabilitation Program AM	360,000							360,000	-			
		4032114405	Contaminated Soil & Rock Disposal Program	1,692,000				750,000			692,000	250,000		250,000	
		4032158001	Consultation and Accommodation	146,000							116,000	30,000		30,000	
		4032101099	Engineering Services Staffing Costs - Road	4,500,000						1,885,000	2,615,000	2,615,000			
		4032119108	Concession / Mountain Brow - Upper Gage to Oakcrest												
		4032119122	Barton - Sherman to Ottawa	4,900,000				1,800,000			3,100,000			3,100,000	
		4032118329	Bridge 329 - Burlington St E over Wilcox St	150,000							150,000		150,000		
		4032119114	Pinelands / Teal / Garden / Community / Greenfield	270,000							270,000	270,000			
		4032211018	Highland - Glenholow to First Rd W	150,000							150,000	150,000			
		4032211029	King - Stoney Brook to Highway No. 8	1,950,000						388,000	1,562,000	150,000		1,372,000	
		4032218350	Bridge 350 - Centre, 435 metres n/o Concession SE	2,400,000							2,400,000	360,000		2,040,000	
		4032219107	Duke - Hess to west end & Robinson - Queen to west end	180,000							180,000	-			
		4242209801	A/R - Lynbrook / Miami - Millbank to Rolston (within Rolston Neighbourhood)	150,000							100,000	50,000	50,000		
		4032255222	Corridor Infrastructure Condition and Programming	750,000							750,000	-			
		4242209201	Area Rating - Simcoe - James to Wellington & Hughson - Strachan to Simcoe	1,158,000				270,000		618,000	270,000	270,000			
		4242209202	Area Rating - Hughson - Simcoe to Brock & Wood - James to Hughson	150,000							150,000	-			
		4032255962	Road Network Pavement Inspection	150,000							150,000	-			
		4032218294	Bridge 294 - Rousseaux St, 120m s/o Academy Dr	200,000							200,000	200,000			
		4032218113	Bridge 113 - Sulphur Springs Rd, 255m s/o Governor's Rd	430,000							430,000	430,000			
		4032218111	Bridge 111 - Mineral Springs Rd, 65m w/o Martin Rd	200,000							200,000	200,000			
		4032210069	Retaining Wall - RW0069 Wilson Street E, 150m w/o Lions Club Rd	400,000							400,000	400,000			
		4032218464	Bridge 464 - Regional Rd 56, 790m s/o Golf Club Rd	150,000							150,000	150,000			
		4032218330	Bridge 330 - Birch Ave, 75 metres south of Burlington Street	100,000							100,000	100,000			
		4032218280	Bridge 280 - Claremont Ac, 250m w/o Claremont Ac (West 5th Ramp)	300,000							300,000	300,000			
		4032218318	Bridge 318 - Claremont Access, over James Mountain	150,000							150,000	150,000			
		4032210520	Retaining Wall - RW0520 - Lawrence Rd. 78m west of Kenilworth Ave S	50,000							50,000	50,000			
		4032210329	Retaining Wall - RW0447 - Weirs Lane, 392m north of Johnston Ave	1,000,000							1,000,000	150,000		850,000	
		4032210032	Retaining Wall - RW0032 - Arkledun Ave, 200m w/o Claremont Access	730,000							730,000	109,500		620,500	
		4031911021	Asset Preservation - Westdale South Neighbourhood (North Section)	150,000							150,000	150,000			
		4411606106	Pier 8 Promenade	900,000							900,000	194,000		706,000	
		4411706102	Pier 8 Park	300,000							300,000	300,000			
		4412006105	Pier 8 - Utilities	500,000							500,000	500,000			
		4032218050	Bridge 050 - Third Rd E, 1000m s/o Ridge Rd	1,000,000							1,000,000	1,000,000			
		4032218105	Bridge 105 - Book Rd W, 330m w/o Trinity Rd S	200,000							200,000	200,000			
			<b>Engineering Services Total</b>	<b>81,229,000</b>			<b>5,889,500</b>	<b>5,150,000</b>	<b>1,190,000</b>	<b>9,690,000</b>	<b>59,309,500</b>	<b>23,210,900</b>	<b>4,460,000</b>	<b>31,638,600</b>	
	Environmental Services	4451153001	Emerald Ash Borer (EAB) Management Plan Council Cost (Option 3)	2,600,000							2,600,000	2,600,000			
		4401756703	Mountain Brow Path	150,000							150,000	150,000			
		4401856819	Albion Falls - Waterfalls Viewing	1,940,000						970,000					
		4401956922	Alexander Park Skate Park	2,109,000											
		4401956932	HRTMP Initiative 15-12 Mountain Brow Road Link	317,000											
		4402056011	Valley Community Centre Park	800,000							400,000	400,000			
		4402056918	Beasley Park Rehabilitation Phase 2 - Kelly Street												
		4402149003	Pedestrianization	1,213,000						400,000	813,000	813,000			
		4402256203	Backflow Prevention for Various Parks Facilities	200,000							200,000	200,000			
		4402256204	Gourley Park Spray Pad Redevelopment	70,000							70,000	70,000			
		4452153101	William Connell Phase 3	1,200,000						700,000	500,000				
		4402149007	Tree Inventory	150,000							150,000	150,000			
		4402149007	Cemetery Roads Rehabilitation Program	133,000							133,000	133,000			
		4402149101	Cemetery Columbarium	70,000						70,000					
		4402149101	Park Pathway Resurfacing Program	210,000							210,000	210,000			
		4402149607	Outdoor Ice Rink Program	50,000							50,000	50,000			
		4402151601	Equipment Acquisition (DC) Program	247,000						247,000					
		4402151700	Small Equipment Replacement (Reserve) Program	85,000											
		4402151903	Confederation Beach Park - Capital Maintenance Program	455,000											



**City of Hamilton  
Tax Capital Budget  
Proposed - 2022 Capital Budget Project List  
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Department	Division	Project ID	Project Title	Gross Costs	Grants and Subsidies	Other External Revenue	Development Charges (Inc Debt)	Rate Funding	Reserves	WIP	Net Cost	Financing Sources				
												From Operating	External Debt	Federal Gas Tax	Other: Reserves and HUC Dividends	
		4402152600	Playground Lifecycle Replacement Program	525,000					175,000		350,000	350,000				
		4402154699	Tennis and Multi-use Court Rehabilitation Program	120,000							120,000	120,000				
		4402156001	Leash Free Dog Park Program	80,000					80,000		-	-				
		4452153444	Tree Planting Program	1,345,000		387,000					958,000	958,000				
		4402151001	Equipment Upgrades	50,000							50,000	50,000				
		4402156117	Victoria Park Spray Pad Replacement	1,000,000					749,000	271,000	-	-				
		4402156120	Cherry Beach Park	120,000				120,000			-	-				
		4402156121	Tiffany Hills Park Pathway Connection to School	280,000				280,000			-	-				
		4402256112	Rennie Street Works Yard - Proposed Park	100,000				100,000			-	-				
		4402256102	Brightside Park (Stadium Precinct Community)	16,800,000			7,224,000				9,576,000	-	9,576,000			
		4402256108	Broughton Park Upgrades	100,000							100,000	100,000				
		4402256105	Eastwood Park Redevelopment	878,000							878,000	175,600			702,400	
		4402049006	Milgrove Drainage & Repair	25,000							25,000	25,000				
		4402256110	Golf Links Park Ice Rink Servicing	150,000			120,000				30,000	30,000				
		4402256111	Highland Gardens Park	120,000							120,000	-				
		4402256115	Olympic Park Hockey Rink	336,000							336,000	-				
		4402256116	Pipeline Trail Gateway	777,500							777,500	777,500				
		4452253203	Horticulture Depot Upgrades Feasibility Study	175,000							175,000	175,000				
		4452253204	Fleet Assets - Forestry & Horticulture	120,000			120,000				-	-				
		4452253205	Horticulture Polyhouse Construction	62,000							62,000	62,000				
		4402256118	Churchill Park	150,000							150,000	150,000				
		4402256124	Sam Lawrence Park	1,701,000						1,701,000	-	-				
		<b>Environmental Services Total</b>		<b>37,043,500</b>		<b>387,000</b>	<b>12,844,500</b>		<b>5,241,000</b>	<b>671,000</b>	<b>17,900,000</b>	<b>7,621,600</b>	<b>9,576,000</b>	<b>702,400</b>		
	Transportation Operations & Maintenance	4661820821	New Traffic Signal - Drakes @ North Service Rd	150,000			142,500				7,500	7,500				
		4661920930	Neighbourhood Speed Reduction Initiative	450,000							450,000	450,000				
		4662220223	New Traffic Signal - York @ Old Guelph	550,000			522,500				27,500	27,500				
		4032111224	SideWalk Rehabilitation Program	1,000,000							1,000,000	1,000,000				
		4032117241	Fencing/Sound Barrier Rehabilitation/Replacement within the Road Allowance	250,000							250,000	250,000				
		4032117677	Preventative Asphalt Road Maintenance Program	2,250,000						1,741,000	509,000	509,000				
		4032118216	Bridge and Structure Maintenance - T.O.M.	250,000							250,000	250,000				
		4032121350	Fleet Additions - Roads O&M	400,000			400,000				-	-				
		4032141762	Yard Facility Maintenance and Improvement Program	400,000							400,000	400,000				
		4032151410	Roads - Small Equipment Replacement	50,000					50,000		-	-				
		4042110017	Street Lighting Capital Program	350,000							350,000	350,000				
		4042111351	Roads - Alleyway Rehabilitation	100,000							100,000	100,000				
		4042117384	Guide Rail Replacement Program	400,000							400,000	400,000				
		4662115820	Traffic Counts Program	180,000						50,000	130,000	130,000				
		4662116102	Traffic Calming	150,000						75,000	75,000	75,000				
		4662120001	ATMS - Advanced Traffic Management System	750,000						750,000	-	-				
		4662120011	Traffic Signal Upgrades	300,000						69,000	231,000	231,000				
		4662120017	Traffic Signal LED Lighting Upgrade Program	220,000							220,000	220,000				
		4662120019	Traffic Controller Replacement Program	375,000						375,000	-	-				
		4662120050	Engagement Priorities - Vision Zero	140,000					140,000		-	-				
		4662120051	Education Priorities - Vision Zero	400,000					400,000		-	-				
		4662120052	Evaluation Priorities - Vision Zero	200,000					200,000		-	-				
		4662120053	Engineering Priorities - Vision Zero	450,000					450,000		-	-				
		4662120525	Pedestrian Crossovers (Type B & C)	200,000							200,000	200,000				
		4662120531	APS - Accessible Pedestrian Signals	150,000							150,000	150,000				
		4662120720	Durable Plastic Pavement Marking Rehabilitation	500,000							500,000	500,000				
		4662120722	Overhead Sign Structure	50,000						50,000	-	-				
		4662110018	Cootes Drive: Spencer Creek to East St N / Dundas St - Street Lighting System Rehabilitation	280,000							280,000	280,000				
		4662110012	Railway Roadway Crossings Rehabilitation Program	100,000							100,000	100,000				
		4032110005	Major Road Mill & Pave Program	500,000							500,000	75,000		425,000		
		4662120048	Durable Pavement Markings (New Installations)	600,000						545,000	55,000	55,000				
		4662220224	New Traffic Signal - RR#56 @ Kirk Road	330,000			313,500				16,500	16,500				
		4662220225	New Traffic Signal - South Service Rd @ Vince Mazza Way	220,000			209,000				11,000	11,000				
		4032211223	New Sidewalk - Missing Links	250,000							250,000	250,000				
		4662220227	New Signalized Intersection - Wellington St. S. & Hunter St. E	250,000							250,000	250,000				
		4042210223	Nicola Tesla Underpass Lighting LED Retrofit	200,000							200,000	200,000				
		4662255200	TOC Upgrades	250,000							250,000	250,000				
		4662255241	Asset Management & GIS Processing	350,000							350,000	350,000				
		4042217678	Preventative Maintenance - Crack Sealing	150,000							150,000	150,000				
		4042210418	Retaining Wall Maintenance - TOM	150,000							150,000	150,000				
		4662220280	Eco Counter Program	140,000							140,000	140,000				
		4662210220	Signals & Street Lighting Metal Pole Condition Assessment	150,000							150,000	150,000				
		4662220226	Signalized Intersection Asset Management	150,000							150,000	150,000				
		4662210020	Street Lighting Pole Replacements	420,000							420,000	420,000				
		4662210021	Stoney Creek Metal Pole Replacements	275,000							275,000	275,000				
		4662220244	Cootes MUP (Hatt Phase 2) (250m)	231,000							231,000	231,000				
		4662210022	Dundas - First to Avonsyde - New Street Light System Installation	200,000							200,000	200,000				



**City of Hamilton  
Tax Capital Budget  
Proposed - 2022 Capital Budget Project List  
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Department	Division	Project ID	Project Title	Gross Costs	Grants and Subsidies	Other External Revenue	Development Charges (Inc Debt)	Rate Funding	Reserves	WIP	Net Cost	Financing Sources				
												From Operating	External Debt	Federal Gas Tax	Other: Reserves and HUC Dividends	
		4662220229	New Traffic Signal - Fennell Ave & 50m W/O East 43rd St	330,000			313,500				16,500	16,500				
		4662220222	New Traffic Signal - Main & Paradise	308,000			292,600				15,400	15,400				
		4662220228	New Traffic Signal - Mud St & First Rd E	350,000			332,500				17,500	17,500				
		4662220541	Traffic Signal Modernization - Queenston & Kenora & Greenford	275,000							275,000	275,000				
		4662220230	New Traffic Signal - Rymal Rd & Pritchard Rd	330,000			313,500				16,500	16,500				
		4662220542	Traffic Signal Modernization - Barton & Kenilworth	710,000							710,000	710,000				
		4662220242	Intersection widening - Upper James & White Church	400,000							400,000	400,000				
		4662220246	Upper Gage & Stone Church - Intersection Geometric Improvements	275,000							275,000	275,000				
		4662220211	Wilson & Shaver - Pedestrian Crossovers (4 x Type C and 4 x Type D)	220,000						220,000	-	-				
		4662220232	New Traffic Signal - York & Olympic	275,000			261,250				13,750	13,750				
		4662220245	Hamilton - Brantford Rail Trail - Raised Crosswalks and Geometric Modifications	450,000							450,000	450,000				
		4662210023	Sanders - Thorndale to West Park & Sterling - North Oval to Forsyth - New Street Light	35,000							35,000	35,000				
		4662220247	Stone Church - Arbour to Upper Red Hill Valley Pkwy	755,000							755,000	144,000		611,000		
		4662220248	Victoria South (Cannon/Stinson)	380,000							380,000	380,000				
		4662220988	Signal Cabinet Wrapping	50,000							50,000	50,000				
		4662255240	Capacity Reviews & Closure Plans/Implementations	75,000							75,000	75,000				
		4662220723	Portable Variable Message Sign /Queue End Warning System	270,000							270,000	270,000				
		4662255201	Sherman Access/Cut. Equipment inventory, audit/condition & needs assessment and specifications and tw	175,000							175,000	175,000				
		4662220234	Main & Paradise - Pedestrian Cross-Over - (IPS and 2 x Type C)	320,000						290,000	30,000	30,000				
		4662201099	TOM Cost Allocation to Engineering Services Projects	520,000							520,000	520,000				
		4042210204	70 Brookstream Court Slope Stabilization	200,000							200,000	200,000				
		4662255242	Decorative Street Lighting LED Retro-fit Study	80,000							80,000	80,000				
		4662220285	Rebecca Street Upgrades - John to Catharine	750,000							750,000	750,000				
		4662220250	North End Gateway	100,000							100,000	100,000				
		4662210217	In-Fill Street Lighting Program in Former Town of Ancaster	250,000							250,000	250,000				
		4242009701	A/R - Eastmount Neighbourhood	800,000							800,000	120,000		680,000		
		<b>Transportation Operations &amp; Maintenance Total</b>		<b>24,544,000</b>			<b>3,100,850</b>		<b>1,240,000</b>	<b>4,165,000</b>	<b>16,036,150</b>	<b>14,322,150</b>		<b>1,716,000</b>		
		PW-General Administration	PW Asset Management (PW-AM) System Implementation - CASH FLOW	2,710,000				1,300,000			1,410,000	1,410,000				
		<b>PW-General Administration Total</b>		<b>2,710,000</b>				<b>1,300,000</b>			<b>1,410,000</b>	<b>1,410,000</b>				
		<b>Public Works Tax Funded Total</b>		<b>265,224,500</b>	<b>55,035,500</b>	<b>387,000</b>	<b>32,730,250</b>	<b>6,450,000</b>	<b>30,273,000</b>	<b>14,526,000</b>	<b>125,822,750</b>	<b>59,581,250</b>	<b>32,184,500</b>	<b>34,057,000</b>		
		<b>Total All Projects:</b>		<b>356,035,810</b>	<b>55,087,500</b>	<b>387,000</b>	<b>74,245,850</b>	<b>6,450,000</b>	<b>43,397,810</b>	<b>14,903,000</b>	<b>161,564,650</b>	<b>89,823,150</b>	<b>32,184,500</b>	<b>34,057,000</b>	<b>5,500,000</b>	
		Total Previously Approved 2022 Capital Program Projects		29,975,000	4,323,930	-	7,270,000	-	16,430,000	1,951,070	-	-	-	-	-	-
		<b>TOTAL 2022 CAPITAL PROGRAM</b>		<b>386,010,810</b>	<b>59,411,430</b>	<b>387,000</b>	<b>81,515,850</b>	<b>6,450,000</b>	<b>59,827,810</b>	<b>16,854,070</b>	<b>161,564,650</b>	<b>89,823,150</b>	<b>32,184,500</b>	<b>34,057,000</b>	<b>5,500,000</b>	



**City of Hamilton  
Tax Capital Budget  
Previously Approved - 2022 Capital Budget Project List  
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Department	Division	Project ID	Project Title	Gross Costs	Grants and Subsidies	Other External Revenue	Development Charges (* Debt)	Rate Funding	Reserves	WIP	Net Cost	Financing Sources					
												From Operating	External Debt	Federal Gas Tax	Other: Reserves and HUC Dividends		
Planning & Economic Development	Tourism & Culture	7202041201	ICIP CCR Griffin House Stabilization	250,000	183,330					66,670	-						
		7202041204	ICIP CCR Children's Museum Expansion Phase 2	845,000	619,640						225,360	-					
<b>Tourism &amp; Culture Total</b>				<b>1,095,000</b>	<b>802,970</b>	-	-	-	-	<b>292,030</b>	-	-	-	-	-	-	-
<b>Planning &amp; Economic Development Total</b>				<b>1,095,000</b>	<b>802,970</b>	-	-	-	-	<b>292,030</b>	-	-	-	-	-	-	-
Public Works Tax Funded	Energy, Fleet and Facilities	6302141102	Macassa Lodge D-Wing	23,700,000			7,270,000		16,430,000		-						
		7102054006	ICIP CCR - Rec Roof Replacements (Phase B)	3,373,000	2,355,360						1,017,640	-					
		7102054007	ICIP CCR - Cen Mem Rec Ctr Elevator Modernization	324,000	219,990						104,010	-					
<b>Energy, Fleet and Facilities Total</b>				<b>27,397,000</b>	<b>2,575,350</b>	-	<b>7,270,000</b>	-	<b>16,430,000</b>		-	-	-	-	-	-	-
	Environmental Services	4402056926	ICIP CCR - HAAA Park Redevelopment (Hamilton Amateur Athletic Assoc.)	1,483,000	945,610					537,390	-						
<b>Environmental Services Total</b>				<b>1,483,000</b>	<b>945,610</b>	-	-	-	-	<b>537,390</b>	-	-	-	-	-	-	-
<b>Public Works Tax Funded Total</b>				<b>28,880,000</b>	<b>3,520,960</b>	-	<b>7,270,000</b>	-	<b>16,430,000</b>		<b>1,659,040</b>	-	-	-	-	-	-
<b>Total Previously Approved 2022 Capital Program Projects</b>				<b>29,975,000</b>	<b>4,323,930</b>	-	<b>7,270,000</b>	-	<b>16,430,000</b>		<b>1,951,070</b>	-	-	-	-	-	-
Recommended 2022 Capital Program Projects				356,035,810	55,087,500	387,000	74,245,850	6,450,000	43,397,810	14,903,000	161,564,650	89,823,150	32,184,500	34,057,000	5,500,000		
<b>TOTAL 2022 CAPITAL PROGRAM</b>				<b>386,010,810</b>	<b>59,411,430</b>	<b>387,000</b>	<b>81,515,850</b>	<b>6,450,000</b>	<b>59,827,810</b>	<b>16,854,070</b>	<b>161,564,650</b>	<b>89,823,150</b>	<b>32,184,500</b>	<b>34,057,000</b>	<b>5,500,000</b>		





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**| Approved Rate Capital Budget Project List and Funding Sources: Water System Management**

City of Hamilton  
Water System  
2022 Capital Budget Project List  
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Project Type	Project ID	Project Title	Gross Costs	Grants and Subsidies	Other External Revenue	Development Charge	Reserves	WIP	Net Cost	Financing Sources	
										From Operating	External Debt
Coordinated - Network Extension	5142171328	Southcote - Garner to Highway 403 Bridge	3,040,000			1,520,000			1,520,000	-	1,520,000
	5142280280	First Road West Watermain - Bedrock to Glover Mountain	830,000		498,000	332,000			-		
	5142280281	Dickenson Road West Watermain - Garth Street Extension to 870m easterly	510,000			510,000			-		
<b>Coordinated - Network Extension Total</b>			<b>4,380,000</b>		<b>498,000</b>	<b>2,362,000</b>			<b>1,520,000</b>	<b>-</b>	<b>1,520,000</b>
Coordinated - Other	5142160501	Watermain Rehabilitation/Replacement Coordinated with Development	1,000,000						1,000,000		1,000,000
	5142299999	Rates Projects Included in Tax Budget - NOT TO BE SET UP IN PEOPLESOFT	2,320,000						2,320,000		2,320,000
<b>Coordinated - Other Total</b>			<b>3,320,000</b>						<b>3,320,000</b>	<b>3,320,000</b>	
Coordinated - Replacement	5142171303	Marion - Longwood to Dromore	440,000			440,000				440,000	
	5142271305	Glennmorris / Underhill / Sleepy Hollow / Wilmar (York Heights / Hunter NBHD)	1,000,000			1,000,000					1,000,000
	5142271312	Strathearne - Main to Britannia	900,000			900,000					900,000
	5142271306	Kelvin - Old Orchard to south end	100,000			100,000				100,000	
	5142271308	Concession / Mountain Brow - Upper Gage to Oakcrest	2,200,000			2,200,000					2,200,000
	5142271296	Governor's - Main to Ogilvie (Bridge 296)	400,000			400,000				400,000	
	5142271022	Burlington - James to Ferguson	1,200,000			1,200,000					1,200,000
	5142271214	Fairfield - Barton to Britannia	500,000			500,000					500,000
	5142271325	CCBF - Corktown Neighbourhood	400,000			400,000		400,000			
<b>Coordinated - Replacement Total</b>			<b>7,140,000</b>					<b>400,000</b>	<b>6,740,000</b>	<b>940,000</b>	<b>5,800,000</b>
Coordinated Replacement (50/50)	5142170000	Rates Share of Road Reconstruction - NOT TO BE SET UP IN PEOPLESOFT	4,130,000						4,130,000		4,130,000
<b>Coordinated Replacement (50/50) Total</b>			<b>4,130,000</b>						<b>4,130,000</b>	<b>4,130,000</b>	
Demolition / Disposal	5142067420	St. Joseph's Tank Pulsation Dampener (HD002STK)	440,000						440,000		440,000
<b>Demolition / Disposal Total</b>			<b>440,000</b>						<b>440,000</b>	<b>440,000</b>	
Enhancement	5142166608	Lynden Water System - Phase 2 Treatment	110,000						110,000		110,000
<b>Enhancement Total</b>			<b>110,000</b>						<b>110,000</b>	<b>110,000</b>	
Expansion / Extension	5141996951	Binbrook Feedermain via Fletcher (W-30)	2,530,000			2,530,000			-		
	5142260280	Upper Centennial Watermain Extension	500,000						500,000		500,000
<b>Expansion / Extension Total</b>			<b>3,030,000</b>			<b>2,530,000</b>			<b>500,000</b>		<b>500,000</b>
Feasibility Plans / EA's/ Studies	5141855777	Water infrastructure Analysis - Growth and Economic Opportunities	330,000						330,000		330,000
	5142096520	Garner Road Trunk Watermain - Southcote to Wilson (W-09)	13,550,000			13,550,000			-		
	5142155010	Water Systems Planning Program	600,000						600,000		600,000
	5142155022	Engineering Consultant Watermain Projects	400,000						400,000		400,000
	5142155247	Alterations to the Drinking Water System	150,000						150,000		150,000
	5142155596	Mapping Update Program	40,000						40,000		40,000
	5142157545	Water - Computer Model	150,000						150,000		150,000
	5142257000	Vertical Asset Management Program	280,000						280,000		280,000
	5142255264	City-Wide Water Master Plan	280,000			280,000			-		
	5142255280	Airport Employment Growth District (AEGD) Water, Wastewater and Stormwater Master Plan Update	700,000			700,000			-		
	5142251112	Inventory Bar Coding System, Equipment & Consulting	200,000						200,000		200,000
	5142257800	Water Facility Asset Management Implementation Plan	100,000						100,000		100,000
	5142255851	Water Efficiency Plan/Program	115,000						115,000		115,000
5142267510	Water System Studies & Continual Improvement Initiatives	1,100,000						1,100,000		1,100,000	
<b>Feasibility Plans / EA's/ Studies Total</b>			<b>17,995,000</b>			<b>14,530,000</b>			<b>3,465,000</b>	<b>3,465,000</b>	
Licenses	5142162073	Field Data Systems Program	210,000					100,000	110,000		110,000
<b>Licenses Total</b>			<b>210,000</b>					<b>100,000</b>	<b>110,000</b>	<b>110,000</b>	
New	5141495551	PD7 (Upper Stoney Creek/Glanbrook) Elevated Reservoir (W-23)	5,500,000			5,500,000			-		
	5141767650	New Greensville Communal Well	150,000						150,000		150,000
	5141895852	Carlisle Water Supply System - Additional Water Storage (CASH FLOWED)	900,000						900,000		900,000
	5142161502	Water Meter - Installation/Replacement/Repair - General Maintenance	4,270,000					640,000	3,630,000		3,630,000
	5142151110	Fleet Additions	1,162,000					1,162,000	-		
	5142167840	PD9 & PD10 East Stoney Creek Booster Pumping Station	550,000						550,000		550,000
	5142467224	New PD2 Water Pumping Station (CASH FLOWED)	2,650,000						2,650,000		2,650,000
<b>New Total</b>			<b>15,182,000</b>			<b>5,500,000</b>	<b>640,000</b>	<b>1,162,000</b>	<b>7,880,000</b>	<b>3,630,000</b>	<b>4,250,000</b>



City of Hamilton  
Water System  
2022 Capital Budget Project List  
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Project Type	Project ID	Project Title	Gross Costs	Grants and Subsidies	Other External Revenue	Development Charge	Reserves	WIP	Net Cost	Financing Sources	
										From Operating	External Debt
Rehabilitation / Renovation	5141567575	High Lift Pumping Station (HLPS) Improvements - Phase 2 (CASH FLOWED)	2,470,000						2,470,000	-	2,470,000
	5141760754	Kenilworth Transmission Watermain Renewal	600,000						600,000	600,000	
	5141761777	Beach Trunkmain Rehab	1,500,000						1,500,000	1,500,000	
	5141795850	Greenhill PS HD04B & HD05A Upgrades (W-28) (CASH FLOWED)	550,000			412,500			137,500	137,500	-
	5141867651	HD007 Highland Rd Reservoir Upgrades	170,000						170,000	170,000	
	5141967375	HDR01 Kenilworth and HDR1C Ben Nevis Reservoir Upgrades	330,000						330,000	330,000	
	5142067450	Lee Smith Reservoir (HDR00) Upgrades	170,000						170,000	170,000	
	5142111101	Road Cut Restoration Program	7,965,000					5,400,000	2,565,000		
	5142157626	Critical Watermain Inspection Program	731,000						131,000	600,000	600,000
	5142160072	Watermain Structural Lining	5,300,000					5,300,000			
	5142166713	Water Maintenance Capital Program	1,000,000							1,000,000	1,000,000
	5142169075	City Environmental Lab Improvements Program	340,000							340,000	340,000
	5142166110	Water Treatment Plant - Process Upgrades Phase 2 (CASH FLOWED)	1,378,000			627,000				751,000	11,000
	5142167420	HDR18 Glanaster Reservoir Upgrades	440,000							440,000	-
	5142167421	HDR11 Woodley Lane Reservoir Upgrades	170,000							170,000	170,000
	5142261741	Resetting or Adjusting of Water Utility Structures	250,000							250,000	250,000
	5142261240	Woodward Treatment Plant Filter Building - Flume Watermain Lining	2,000,000							2,000,000	2,000,000
	5142267585	Diesel Fuel Storage Compliance Upgrades	500,000							500,000	500,000
	5141966420	Woodward WTP Chlorine Chemical Building	1,380,000							1,380,000	1,380,000
	5142266712	Water Maintenance - Rebuild, Replacement and New Capital	400,000							400,000	400,000
5142266220	Water Treatment Plant - Clearwells Concrete Restoration Upgrades	600,000							600,000	600,000	
5142266320	Woodward Water Treatment Plant - Low Lift Pumping Station Intake Repairs	830,000							830,000	830,000	
<b>Rehabilitation / Renovation Total</b>			<b>29,074,000</b>			<b>1,039,500</b>	<b>10,700,000</b>	<b>2,696,000</b>	<b>14,638,500</b>	<b>9,608,500</b>	<b>5,030,000</b>
Replacement	5141567273	Main / Whitney Pumping Station Replacement and Decommissioning	140,000						140,000	140,000	
	5141595553	PS HD12A (Governors @ Huntingwood) Rebuild with Capacity Upgrade & Standby Power Installation (W-04)	220,000			165,000			55,000	55,000	
	5141966151	SCADA Maintenance Program	150,000						150,000	150,000	
	5142066310	WTP Pre-Treatment Isolation Valves	550,000						550,000	550,000	
	5142149555	QA-QC Service Contract Program	290,000					140,000	150,000	150,000	
	5142160090	Valve Replacement Program	3,780,000					1,170,000	2,610,000	2,610,000	
	5142160577	Metallic Watermain Condition Assessment Program	815,000					165,000	650,000	650,000	
	5142160711	PW Capital Water Consumption Program	250,000						250,000	250,000	
	5142160750	Unscheduled Valve, Hydrant, Watermain & Misc Water Replace Program	2,850,000					1,300,000	1,550,000	1,550,000	
	5142162078	Substandard Water Service Replacement Program	2,350,000						2,350,000	2,350,000	
	5142271318	Eastmount Neighbourhood - Water	210,000						50,000	160,000	160,000
	5142260081	Large Valve Replacement - Nash	2,000,000		2,000,000					-	
5142260082	Large Valve Replacement - Longwood and Glenside	1,000,000		1,000,000					-		
<b>Replacement Total</b>			<b>14,605,000</b>	<b>3,000,000</b>		<b>165,000</b>	<b>1,300,000</b>	<b>1,545,000</b>	<b>8,595,000</b>	<b>8,595,000</b>	
Safety/ Security	5142266871	Hamilton Water Capital Security Plan	1,030,000						1,030,000	1,030,000	
	5142266351	Woodward SCADA OT (Operating Technology) Security Program	125,000						125,000	125,000	
<b>Safety/ Security Total</b>			<b>1,155,000</b>						<b>1,155,000</b>	<b>1,155,000</b>	
Staffing Costs	5142101099	Engineering Services Staffing Costs - Water	4,500,000					464,000	4,036,000	4,036,000	
<b>Staffing Costs Total</b>			<b>4,500,000</b>					<b>464,000</b>	<b>4,036,000</b>	<b>4,036,000</b>	
<b>Grand Total</b>			<b>105,271,000</b>	<b>3,000,000</b>	<b>498,000</b>	<b>26,126,500</b>	<b>12,640,000</b>	<b>6,367,000</b>	<b>56,639,500</b>	<b>39,539,500</b>	<b>17,100,000</b>





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**| Approved Rate Capital Budget Project List and Funding Sources: Wastewater System Management**

City of Hamilton  
Wastewater System  
2022 Capital Budget Project List  
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Project Type	Project ID	Project Title	Gross Costs	Grants and Subsidies	Other External Revenue	Development Charge	Reserves	WIP	Net Cost	Financing Sources	
										From Operating	External Debt
Coordinated - Network Extension	5162180187	Garner Road Trunk Sanitary Sewer - Hwy 6 w/o Raymond - CASH FLOW	4,000,000			4,000,000			-		
	5162280280	Dewitt Road Sanitary Sewer - Barton to SSR	1,000,000		500,000				500,000	500,000	
	5162280281	Dickenson Road West Sanitary Sewer - Garth Street Extension to Upper James Street	2,670,000						-		
	5162280282	Fifty Road Trunk Sanitary Sewer	1,300,000						-		
	5162280284	Shaver Road Sanitary Sewer - Osprey to hydro corridor	600,000						-		
<b>Coordinated - Network Extension Total</b>			<b>9,570,000</b>		<b>500,000</b>	<b>8,570,000</b>			<b>500,000</b>	<b>500,000</b>	
Coordinated - Replacement	5162171015	Sewer Lateral Replacement for Co-ordinated Projects	600,000					100,000	500,000	500,000	
	5162171025	Dewitt - Highway 8 to Barton	1,040,000						1,040,000	1,040,000	
	5162271012	Strathaine - Main to Britannia - Sewer Laterals	170,000						170,000	170,000	
	5162271306	Kelvin - Old Orchard to south end	60,000						60,000	60,000	
	5162272205	Glenmorris / Underhill / Sleepy Hollow / Wilmar (York Heights / Hunter NBHD)	1,250,000					1,250,000	-		
	5162271308	Concession / Mountain Brow - Upper Gage to Oakcrest	150,000						150,000	150,000	
	5162271021	Westdale South Neighbourhood (Central)	30,000						30,000	30,000	
	5162271296	Governor's - Main to Ogilvie (Bridge 296)	380,000						380,000	380,000	
	5162271022	Burlington - James to Ferguson	440,000						240,000	200,000	
	5162271109	Scenic - Mohawk to Chateau	70,000						70,000	70,000	
	5162271214	Fairfield - Barton to Britannia	250,000						250,000	250,000	
	5162271303	Marion - Longwood to Dromore	180,000						180,000	180,000	
<b>Coordinated - Replacement Total</b>			<b>4,620,000</b>					<b>1,590,000</b>	<b>3,030,000</b>	<b>3,030,000</b>	
Demolition / Disposal	5162068851	Pier 25 Dredging - Windermere Basin	13,250,000						13,250,000	13,250,000	
<b>Demolition / Disposal Total</b>			<b>13,250,000</b>						<b>13,250,000</b>	<b>13,250,000</b>	
Enhancement	5162241350	Pilot solar power installation at a Class B Hamilton Water facility	150,000						150,000	150,000	-
	5162268757	Lower Chedoke Combined EA Study	280,000					280,000	-	-	
	5162268767	Chedoke Watershed Stormwater Retrofit EA Study	280,000					280,000	-	-	
<b>Enhancement Total</b>			<b>710,000</b>					<b>560,000</b>	<b>150,000</b>	<b>150,000</b>	
Expansion / Extension	5161966102	Woodward WWTP - Expansion (CASH FLOWED)	4,500,000			4,500,000			-		
	5162280283	370 Garner Road Pumping Station (AEGD)	3,500,000		3,500,000				-		
<b>Expansion / Extension Total</b>			<b>8,000,000</b>		<b>3,500,000</b>	<b>4,500,000</b>			<b>-</b>		
Feasibility Plans / EA's/ Studies	5161555264	City-Wide Wastewater Master Plan	280,000				280,000		-		
	5161855777	Wastewater infrastructure Analysis - Growth and Economic Opportunities	550,000						550,000	550,000	
	5162055800	Sewer Outfall Monitoring Study	500,000						500,000	500,000	
	5162095800	Flooding & Drainage Master Plan Capital Improvements	450,000						450,000	450,000	
	5162149555	QA-QC Service Contract Program	150,000						150,000	150,000	
	5162155010	Wastewater Systems Planning Program	600,000						600,000	600,000	
	5162155022	Engineering Consultant Sewermain Projects	500,000						500,000	500,000	
	5162155556	Mapping Update Program	40,000						40,000	40,000	
	5162155878	Forcemain Condition Assessment Program	626,000						356,000	270,000	
	5162157545	Wastewater Computer Model Update & Maintenance	220,000						-	220,000	220,000
	5162167752	Wastewater Outstation Inspections - Asset Management Program	1,020,000							1,020,000	1,020,000
	5162168777	Chedoke Creek Water Quality Improvements (CASH FLOWED)	9,050,000					9,050,000	-	-	
	5162562543	CSO Characterization Program	170,000						170,000	170,000	
	5162255242	Combined Sewer Outfall Monitoring Study	600,000						-	600,000	600,000
	5162255800	Inflow & Infiltration Study for New Subdivisions	550,000							550,000	550,000
5162262305	Iona Avenue Sewer Improvements	330,000							330,000	330,000	
5162257800	Wastewater Facility Asset Management Implementation Plan	100,000							100,000	100,000	
<b>Feasibility Plans / EA's/ Studies Total</b>			<b>15,736,000</b>		<b>-</b>	<b>280,000</b>	<b>9,050,000</b>	<b>356,000</b>	<b>6,050,000</b>	<b>6,050,000</b>	
Licenses	5162162073	Field Data Systems Program	110,000						110,000	110,000	
<b>Licenses Total</b>			<b>110,000</b>						<b>110,000</b>	<b>110,000</b>	
New	5161696452	Airport Lands Dickenson Rd Trunk Sewer (WW-27, WW-26, WW-28) (CASH FLOWED)	20,300,000			20,300,000			-		
	5162280285	Drop Structure Installation - Upper Centennial Trunk Sewer Manhole #10	500,000						500,000	500,000	
<b>New Total</b>			<b>20,800,000</b>			<b>20,300,000</b>			<b>500,000</b>	<b>500,000</b>	
Rehabilitation / Renovation	5160866801	Woodward WWTP - Clean Harbour (CASH FLOWED)	37,895,253			5,067,000			32,828,253	6,478,253	26,350,000
	5160966910	Woodward WWTP - Biosolids Management Facility	2,770,000			523,530			2,246,470	2,246,470	
	5161966511	Woodward WWTP - Digester 3 & 5 (CASH FLOWED)	4,710,000						4,710,000	4,710,000	
	5162067425	Hillside SPS (DC006) Upgrades	280,000						280,000	280,000	
	5162366420	Woodward WWTP - Primary Clarifiers (Galleries 1-8)	1,100,000						1,100,000	1,100,000	
	5162111101	Road Cut Restoration Program	2,315,000						515,000	1,800,000	
	5162160302	Emergency Repairs - Cross Connections Program	1,470,000						1,170,000	300,000	
	5162160390	Wastewater System Lining Program	4,050,000						400,000	3,650,000	
	5162160522	Sewer Lateral Management Program (WWC)	4,000,000						400,000	3,600,000	
	5162160533	Trenchless Manhole Rehabilitation	250,000						70,000	180,000	



City of Hamilton  
Wastewater System  
2022 Capital Budget Project List  
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Project Type	Project ID	Project Title	Gross Costs	Grants and Subsidies	Other External Revenue	Development Charge	Reserves	WIP	Net Cost	Financing Sources	
										From Operating	External Debt
	5162160574	Capital Programming Sewer Inspection & Assessment	1,150,000					450,000	700,000	700,000	
	5162160575	Mainline Sewer Condition Assessment Program	2,030,000					890,000	1,140,000	1,140,000	
	5162160576	Sewer Lateral Condition Assessment Program	790,000					540,000	250,000	250,000	
	5162161444	Sewer Lateral Replace/Rehab Program	3,620,000					520,000	3,100,000	3,100,000	
	5162169075	City Environmental Lab Improvements Program	340,000						340,000	340,000	
	5162167501	Odour Control Program & Media Replacement	1,000,000						1,000,000	1,000,000	
	5162167420	DC007 McMaster Sewage Pumping Station Upgrades	330,000						330,000	330,000	
	5162261741	Resetting or Adjusting of Wastewater Utility Structures	250,000						250,000	250,000	
	5162262250	Eastern Sewer Interceptor (ESI) - South Service - Fruitland to Green	8,000,000				3,067,585		4,932,415	4,932,415	
	5162267375	Beach Boulevard (HC051) Wastewater Pump Station Upgrades	440,000						440,000	440,000	
	5162267376	Rockcliffe (DC015) Wastewater Pumping Station Upgrades	990,000						990,000	990,000	
	5162266911	Woodward WWTP - North Digester Complex Rehabilitation (CASH FLOW)	3,450,000						3,450,000	3,450,000	
	5162267585	Diesel Fuel Storage Compliance Upgrades	1,100,000						1,100,000	1,100,000	
	5162166810	Woodward WWTP - Maintenance Building (CASH FLOWED)	500,000						500,000	500,000	
	5162266712	Wastewater Maintenance - Rebuild, Replacement and New Capital	600,000						600,000	600,000	
	5165522888	Mill St Bridge - Sanitary Sewer Erosion Protection	350,000						350,000	350,000	
<b>Rehabilitation / Renovation Total</b>			<b>83,780,253</b>	<b>-</b>	<b>-</b>	<b>5,590,530</b>	<b>3,067,585</b>	<b>4,555,000</b>	<b>70,567,138</b>	<b>44,217,138</b>	<b>26,350,000</b>
Relocation	5162255900	EA - McMaster Innovation Park (MIP) Storm Sewer Relocation	5,650,000						5,650,000		5,650,000
<b>Relocation Total</b>			<b>5,650,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>5,650,000</b>	<b>-</b>	<b>5,650,000</b>
Replacement	5161966151	SCADA Maintenance Program	150,000						150,000	150,000	
	5162160577	Mainline Sewer Condition Assessment for Compliance & Regulations	219,000					119,000	100,000	100,000	
	5162160711	PW Capital Water Consumption Program	250,000						250,000	250,000	
	5162160820	Open Cut Repairs for CIPP Program	620,000					120,000	500,000	500,000	
	5162161740	Unscheduled Manhole and Sewermain Replacement Program	750,000						750,000	750,000	
	5162171074	Contingency for Unscheduled Works Program	180,000						180,000	180,000	
<b>Replacement Total</b>			<b>2,169,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>239,000</b>	<b>1,930,000</b>	<b>1,930,000</b>	<b>-</b>	<b>-</b>
Safety/ Security	5162266351	Woodward SCADA OT (Operating Technology) Security Program	125,000						125,000	125,000	
<b>Safety/ Security Total</b>			<b>125,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>125,000</b>	<b>125,000</b>	<b>-</b>
Staffing Costs	5162101099	Engineering Services Staffing Costs - Wastewater	4,500,000					578,000	3,922,000	3,922,000	
<b>Staffing Costs Total</b>			<b>4,500,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>578,000</b>	<b>3,922,000</b>	<b>3,922,000</b>	<b>-</b>
<b>Grand Total</b>			<b>169,020,253</b>	<b>-</b>	<b>-</b>	<b>4,000,000</b>	<b>39,240,530</b>	<b>12,677,585</b>	<b>7,318,000</b>	<b>105,784,138</b>	<b>32,000,000</b>





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**| Approved Rate Capital Budget Project List and Funding Sources: Storm Water System Management**

City of Hamilton  
Storm Water Management  
2022 Capital Budget Project List  
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Project Type	Project ID	Project Title	Gross Costs	Grants and Subsidies	Other External Revenue	Development Charge	Reserves	WIP	Net Cost	Financing Sources	
										From Operating	External Debt
Coordinated - Network Extension	5182271328	Southcoote - Gamer to Highway 403 Bridge	1,500,000						-	1,500,000	
<b>Coordinated - Network Extension Total</b>			<b>1,500,000</b>						-	<b>1,500,000</b>	
Coordinated - Replacement	5182172205	Glenmorris / Underhill / Sleepy Hollow / Wilmar (York Heights / Hunter NBHD)	1,880,000				1,880,000		-	-	
	5182271226	Mud St (Phase 02) - Isaac Brock Dr to Upper Centennial Pkwy	180,000						-	180,000	
	5182271312	Streathearne - Main to Britannia	1,000,000						-	1,000,000	
<b>Coordinated - Replacement Total</b>			<b>3,060,000</b>				<b>1,880,000</b>		-	<b>1,180,000</b>	
Enhancement	5181823155	South St E and East St S in Dundas Drainage Improvement - SERG	110,000						-	110,000	
	5181872295	SERG - Winona Area Drainage Improvements	440,000						-	440,000	
	5181967500	DMAF - CSO Backflow Preventors	390,000						-	390,000	
	5182255688	EA for Rosedale Stormwater Management Facility - Outlet to Red Hill Creek	450,000						-	450,000	
<b>Enhancement Total</b>			<b>1,390,000</b>						-	<b>1,390,000</b>	
Expansion / Extension	5182280290	SWMP SL12 Block 3 (1090 Barton Street)	10,330,000			10,330,000			-	-	
	5182280291	SWMP SM21 Nash 2/3 Development	4,745,000			4,745,000			-	-	
	5182280292	SWMP SM17 198 Highland Road West	4,085,000			4,085,000			-	-	
<b>Expansion / Extension Total</b>			<b>19,160,000</b>			<b>19,160,000</b>			-	-	
Feasibility Plans / EA's/ Studies	5182095800	Flooding & Drainage Master Plan Capital Improvements	450,000						-	450,000	
	5182117550	Concrete Box Culvert Rehab/Repair - Engineering Services	250,000						-	250,000	
	5182149555	QA-QC Service Contract Program	150,000						-	150,000	
	5182155421	Stormwater System Planning Program	380,000						-	380,000	
	5182155556	Mapping Update Program	40,000						-	40,000	
	5182174951	Shoreline Protection Program	150,000						-	150,000	
	5182174680	Storm Sewer Network Planning - Transportation Program	260,000						-	260,000	
	5182255210	Storm Water Outfall Investigations	300,000						-	300,000	
<b>Feasibility Plans / EA's/ Studies Total</b>			<b>1,980,000</b>						-	<b>1,980,000</b>	
Licenses	5182162073	Field Data Systems Program	110,000						-	110,000	
<b>Licenses Total</b>			<b>110,000</b>						-	<b>110,000</b>	
Rehabilitation / Renovation	5181767723	Grafton and Centennial Stormwater Pumping Stations - Standby Power	450,000						-	450,000	
	5182117152	Right of Way Drainage Program	1,500,000				1,500,000		-	-	
	5182117549	Concrete Box Culvert Rehab/Repair - T.O.M.	500,000						-	-	
	5182160533	Trenchless Manhole Rehabilitation	70,000					500,000	-	70,000	
	5182160622	SWM Facility Maintenance Program	1,500,000				220,000		-	1,280,000	
	5182160722	Municipal Drain Program	100,000		75,000				-	25,000	
	5182274950	Watercourse and Drainage Channel Maintenance	1,445,000					545,000	-	900,000	
<b>Rehabilitation / Renovation Total</b>			<b>5,565,000</b>		<b>75,000</b>		<b>1,720,000</b>	<b>1,045,000</b>	-	<b>2,725,000</b>	
Replacement	5182017040	Highway 97 - Culvert Improvement Project	300,000						-	300,000	
	5182117458	Catch Basin Replacement/Rehabilitation Program	1,000,000					500,000	-	500,000	
	5182161740	Unscheduled Manhole and Sewermain Replacement Program	50,000						-	50,000	
	5182172074	Contingency for Unscheduled Works Program	180,000						-	180,000	
	5182260220	Culvert FLA-3008 - Old Brock Rd 100m w/o Brock	150,000						-	150,000	
<b>Replacement Total</b>			<b>1,680,000</b>					<b>500,000</b>	-	<b>1,180,000</b>	
Staffing Costs	5182101099	Engineering Services Staffing Costs - Storm	1,700,000						-	1,700,000	
<b>Staffing Costs Total</b>			<b>1,700,000</b>						-	<b>1,700,000</b>	
<b>Grand Total</b>			<b>36,145,000</b>		<b>75,000</b>	<b>19,160,000</b>	<b>3,600,000</b>	<b>1,545,000</b>	-	<b>11,765,000</b>	

