



City of Hamilton
Hamilton

**DEVELOPMENT CHARGES STAKEHOLDERS SUB-COMMITTEE
AGENDA**

Meeting #: 21-002
Date: March 11, 2021
Time: 1:00 p.m.
Location: Due to the COVID-19 and the Closure of City Hall

All electronic meetings can be viewed at:

City's Website:
<https://www.hamilton.ca/council-committee/council-committee-meetings/meetings-and-agendas>

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<https://www.youtube.com/user/InsideCityofHamilton> or Cable 14

Lisa Kelsey, Legislative Coordinator (905) 546-2424 ext. 4605

Pages

- 1. CEREMONIAL ACTIVITIES
- 2. APPROVAL OF AGENDA
(Added Items, if applicable, will be noted with *)
- 3. DECLARATIONS OF INTEREST
- 4. APPROVAL OF MINUTES OF PREVIOUS MEETING
 - 4.1. January 29, 2021 3
- 5. COMMUNICATIONS
- 6. DELEGATION REQUESTS
- 7. CONSENT ITEMS
 - 7.1. Development Charges Budget – Gross and Net (FCS21023) (City Wide) 6
(Outstanding Business List Item)
- 8. STAFF PRESENTATIONS

9. PUBLIC HEARINGS / DELEGATIONS

10. DISCUSSION ITEMS

10.1. Development Charges Update Study

14

11. MOTIONS

12. NOTICES OF MOTION

13. GENERAL INFORMATION / OTHER BUSINESS

13.1. Appointment of Committee Chair for 2021 - 2022

14. PRIVATE AND CONFIDENTIAL

15. ADJOURNMENT



**DEVELOPMENT CHARGES STAKEHOLDERS
SUB-COMMITTEE
MINUTES 21-001
Friday, January 29, 2021
1:00 p.m.
Council Chambers
Hamilton City Hall
71 Main Street West**

Present: Councillors B. Clark (Chair), J.P. Danko (Vice-Chair), M. Wilson, J. Farr, M. Pearson, C. Collins, and P. Szachlewicz (Hamilton Chamber of Commerce)
C. Laskowski (Realtors Association of Hamilton-Burlington)
S. Ferris (Citizen)

Absent: Councillors T. Whitehead and B. Johnson - Personal
M. Collins-Williams (West End Home Builders Association)
J. Summers (Citizen member)

FOR INFORMATION:

(a) APPROVAL OF THE AGENDA (Item 2)

The Committee Clerk advised of the following change to the agenda:

13.1 Appointment of Chair and Vice Chair for 2021 and 2022

(Wilson/Pearson)

That the agenda of the January 29, 2021 meeting be approved as amended.

CARRIED

(b) DECLARATIONS OF INTEREST (Item 3)

None declared.

(c) APPROVAL OF MINUTES OF PREVIOUS MEETING (Item 4)

(i) March 25, 2019 (Item 4.1)

(Farr/Danko)

That the Minutes of the March 25, 2019 meeting, be approved.

CARRIED

(d) STAFF PRESENTATIONS (Item 9)

(i) Development Charges Act - Legislation Update (Item 9.1)

Brian McMullen, Director, Financial Planning, Administration and Policy, and Gary Scandlan of Watson & Associates Economists Limited, addressed Committee with the aid of a PowerPoint presentation.

(Pearson/Danko)

That the presentation from Brian McMullen, Director, Financial Planning, Administration and Policy, and Gary Scandlan of Watson & Associates Economists Limited respecting the Development Charges Act - Legislation Update, be received.

CARRIED

(Wilson/Pearson)

That staff report back to the March 11, 2021 Development Charges Stakeholders Sub-Committee meeting with:

- (a) A table that summarizes the total gross expenditures planned over the next five years and the net costs to be recovered from Development Charges;
- (b) That the table include information on the amount of net recoveries that are residential and non-residential; and,
- (c) That the table uses information from both the Capital Budget and Provincial Planning Policies.

CARRIED

(Pearson/Collins)

That staff be directed to proceed with the Next Steps outlined in the presentation as follows:

- (a) Release of Development Charges Background Study on March 5, 2021;
- (b) Development Charges Stakeholders Sub-committee meeting on March 11, 2021;
- (c) Audit, Finance and Administration Committee meeting on March 25, 2021 to approve direction to officially begin the 60 day circulation period;
- (d) Development Charges Public Meeting on April 22, 2021;
- (e) Passage of Development Charges by-law on June 6, 2021; and,

(f) Development Charges by-law effective on July 6, 2021.

CARRIED

(e) GENERAL INFORMATION / OTHER BUSINESS (Item 13)

(i) Appointment of Chair (Added Item 13.1)

(Farr/Collins)

That Councillor Clark be appointed Chair of the Development Charges Stakeholders Sub-committee for 2021 and 2022.

CARRIED

(Pearson/Wilson)

That Councillor Danko be appointed Vice-Chair of the Development Charges Stakeholders Sub-committee for 2021 and 2022.

CARRIED

(f) ADJOURNMENT (Item 15)

(Collins/Pearson)

That, there being no further business, the Development Charges Stakeholders Sub-Committee, be adjourned at 2:28 p.m.

CARRIED

Respectfully submitted,

Councillor B. Clark, Chair
Development Charges
Stakeholders Sub-Committee

Lisa Kelsey
Legislative Coordinator
Office of the City Clerk



INFORMATION REPORT

TO:	Chair and Members Development Charges Stakeholders Sub-Committee
COMMITTEE DATE:	March 11, 2021
SUBJECT/REPORT NO:	Development Charges Budget – Gross and Net (FCS21023) (City Wide) (Outstanding Business List Item)
WARD(S) AFFECTED:	City Wide
PREPARED BY:	Alexandra Di Domenico (905) 546-2424 Ext. 1434 Lindsay Gillies (905) 546-2424 Ext. 5491
SUBMITTED BY:	Brian McMullen Director, Financial Planning, Administration and Policy Corporate Services Department
SIGNATURE:	

COUNCIL DIRECTION

The Development Charges (DC) Stakeholders Sub-Committee, at its meeting on January 29, 2021, directed that staff report back to the March 11, 2021 DC Stakeholders Sub-Committee meeting with:

- (a) A table that summarizes the total gross expenditures planned over the next five years and the net costs to be recovered from DCs;
- (b) That the table include information on the amount of net recoveries that are residential and non-residential;
- (c) That the table uses information from both the Capital Budget and Provincial Planning Policies.

INFORMATION

Appendices “A” to “D” attached to Report FCS21023 have been prepared in response to the direction received at the January 29, 2021 DC Stakeholders Sub-Committee meeting. Comments and insights have been provided to assist with interpretation of the four Appendices attached.

Table 1 provides a summary of the information.

**SUBJECT: Development Charges Budget – Gross and Net (FCS21023)
(City Wide) – Page 2 of 4**

Table 1
Variance Analysis - Appendix "B" Versus Appendix "A"
(General Note: All Amounts are in 000s)

	Gross Expenditures	Residential DC Funding	Non-Residential DC Funding	Net
Appendix "B" - 2021 Capital Budget ¹	1,197,414	455,613	196,514	545,286
Appendix "A" - 2019 DC Background Study ²	2,849,223	923,999	476,699	1,448,526
Difference \$	(1,651,810)	(468,384)	(280,185)	(903,240)
Difference %	-0.58	-0.51	-0.59	-0.62

¹ Appendix "B" - 2021 Capital Budget includes years 2021 to 2025

² Appendix "A" - 2019 DC Background Study includes years 2019 to 2023

Appendix "A," "5-Year Totals – 2019 DC Background Study (Provincial Planning) for the Period 2019 – 2023," was prepared using the City's 2019 Development Charges Background Study. Appendix "B," "5-Year Totals – 2021 Capital Budget for the Period 2021 – 2025," was prepared using the City's 2021 Tax and Rate Capital Budgets.

Timing Difference

Appendix "A" and Appendix "B" to Report FCS21023 cover two different five-year periods: Appendix "A" to Report FCS21023 is for the period 2019 – 2023 and Appendix "B" to Report FCS21023 is for the period 2021 – 2025. The 2019 DC Background Study provides the total costs to be incurred over the five-year life of the DC By-law. Therefore, the 2019 DC Background Study does not detail costs year-by-year. Thus, while high-level insights, such as how the City's growth targets compared to the Provincial growth targets, can be gained comparing information from the 2021 Capital Budget to that generated from the Provincial Planning Policies, a timing difference between the Appendices exists. This timing difference inhibits users from determining annual variances that exist, if any, between the two reports, which could help inform decision making yet the two can still be viewed from a high level to gain insights into the difference between Provincial Planning Targets and the City's Budget practices.

Difference in Gross Expenditures

Gross expenditures as per Appendix "B" to Report FCS21023 are forecasted to be approximately 58% less than what they were forecasted to be as per Appendix "A" to Report FCS21023. Gross expenditures as per Appendix "B" are forecasted to be less than that as per Appendix "A" due to a combination of factors. Not all projects identified in the 2019 DC Background Study have been incorporated into the 2021 Capital Budget. Staff has identified this gap between the masterplans and the budget requests and are working with departments to understand the challenges in reconciling the two.

OUR Vision: To be the best place to raise a child and age successfully.

OUR Mission: To provide high quality cost conscious public services that contribute to a healthy, safe and prosperous community, in a sustainable manner.

OUR Culture: Collective Ownership, Steadfast Integrity, Courageous Change, Sensational Service, Engaged Empowered Employees.

**SUBJECT: Development Charges Budget – Gross and Net (FCS21023)
(City Wide) – Page 3 of 4**

Another factor that explains why gross expenditures as per Appendix “B” to Report FCS21023 are forecasted to be less than that forecasted in Appendix “A” to Report FCS21023 is that the latter factors in provincial growth targets. Historically, the City has grown at a slower pace than the provincial growth targets suggest.

If the City were to proceed with capital infrastructure investments without regard for actual population growth experienced (residential and employment), then the City could find itself unable to fund that infrastructure from collected DCs and would need to borrow from City reserves until the DC collections caught up with the infrastructure investment to be able to pay back those borrowings. This budget strategy is not utilized due to the risk involved. Rather, the pace of capital infrastructure investment is monitored and planned to proceed at a pace that is less risky given historical and known future development applications.

Considering Collections

As per Appendix “C” to Report FCS21023, total collections for the period 2021 – 2025 are forecasted to be approximately \$556 M (or \$111.2 M annualized). Given the City’s collections of \$95.0 M in 2019 and \$109.4 M in 2020 (draft – unaudited), alongside potential implications on development applications as a result of COVID-19, staff views this forecast shown in Appendix “C” to Report FCS21023 as more likely than the amount that comes directly from the DC Background Study. Total collections as per the 2019 DC Background Study for the period 2019 – 2023 were forecasted to be approximately \$1.239 B (or \$247.8 M annualized).

Total collections are forecasted to be approximately 55% lower over a five-year period in the 2021 Capital Budget compared to the 2019 DC Background Study and this is in line with total gross expenditures which are forecasted to be approximately 58% lower as shown in Table 1 to Report FCS21023. This trend of a 51% – 62% difference is consistent across collections, gross expenditures and DC funding as shown in Table 1 and Appendix “C” to Report FCS21023.

Comparing Annual Forecasted Growth

As per Appendix “D” to Report FCS21023, the number of single detached equivalents estimated in the 2021 Capital Budget is 1,800 annually for the period 2021 – 2025. The total number of single detached equivalents based on the 2019 DC Background Study is 2,306 annually for the period 2021 – 2025. Therefore, forecasted growth as per the 2021 Capital Budget is 506 single detached equivalents or 22% less than that as per the 2019 DC Background Study.

**SUBJECT: Development Charges Budget – Gross and Net (FCS21023)
(City Wide) – Page 4 of 4**

Since the City has not experienced growth at as high of a pace as planned for in the 2019 DC Background Study and underlying masterplans, it is appropriate that the City is not proceeding with capital infrastructure investments at the same pace as planned for in the 2019 DC Background Study. The City continues to invest in expanding its' underground service network and mitigates the risk of proceeding with works required in advance of development occurring by obtaining approval to debt fund the infrastructure, if necessary.

This practice of obtaining approval to debt finance allows the City to proceed with necessary capital investments while providing the ability to spread the cost over a longer period of time should population (residential and employment) growth not occur. Annually, staff reviews the debt approvals alongside the DC reserve balances and where it is determined that sufficient collections have been made, the project is changed to being funded directly from reserve rather than from debt. This practice ensures that the City is able to spread the cost over a longer period of time if development does not proceed at the pace needed while also ensuring that the City is not issuing unnecessary debt.

One can note that the growth is forecasted at 22% less and the gross expenditures are forecasted at 58% less. The difference between these two figures can be attributed to some of the known gaps in the budget forecast. For example, CityHousing Hamilton has several projects planned but staff does not have the DC needs confirmed yet and, therefore, the amount for Housing is showing as nil in Appendix "B" to Report FCS21023 versus \$282.8 M in Appendix "A" to Report FCS21023. Stormwater needs are also typically requested a year or two in advance of construction in the City's budget and, therefore, there is a large difference showing for stormwater projects, as well, between Appendix "A" and Appendix "B" to Report FCS21023.

APPENDICES AND SCHEDULES ATTACHED

Appendix "A" to Report FCS21023 – 5-Year Totals – 2019 DC Background Study (Provincial Planning) for the Period 2019-2023

Appendix "B" to Report FCS21023 – 5-Year Totals – 2021 Capital Budget for the Period 2021 – 2025

Appendix "C" to Report FCS21023 – Net Collections Available for DC Funding for the period 2021 – 2025

Appendix "D" to Report FCS21023 – Annual Forecasted Growth for the Period 2021 – 2025

AD/LG/dt

Appendix "A" to Report FCS21023
Page 1 of 1

General Note: All amounts are in 000s.

Appendix "A"

5-Year Totals - 2019 DC Background Study (Provincial Planning)

For the period 2019 - 2023

Service	Gross Expenditures	Net Recoveries				Net
		In-Period Funding		Post-Period Funding ¹		
		Residential	Non-Residential	Residential (63%)	Non-Residential (37%)	
Water Services	245,777	127,456	74,855	10,371	6,091	27,003
WWTP	631,279	29,146	17,118	9,715	5,706	569,594
Stormwater Drainage	0	0	0	0	0	0
Roads	466,160	195,429	175,653	13,599	7,987	73,494
PW & Rolling Stock	34,929	14,351	8,796	0	0	11,782
Transit	380,014	33,782	19,840	7,702	4,523	314,166
Fire Protection	18,679	9,508	5,828	0	0	3,342
Police Services	35,328	11,614	7,118	214	125	16,257
Outdoor Rec	97,856	43,187	2,273	10,206	5,994	36,196
Indoor Rec	64,782	51,609	2,716	0	0	10,456
Library	21,139	10,257	540	0	0	10,343
Admin Studies	5,595	3,133	1,840	0	0	621
Ambulance	3,915	1,940	216	958	562	240
Burlington Roads SAC	0	0	0	0	0	0
Homes for the Aged	11,850	2,487	276	0	0	9,087
Health Services	0	0	0	0	0	0
Social & Child	2,000	0	0	0	0	2,000
Housing	282,848	23,200	0	8,544	5,018	246,085
Linear Wastewater	203,215	106,841	62,748	7,491	4,400	21,735
Airport ²	14,000	7,938	4,662	0	0	1,400
Parking Services ²	6,475	3,170	1,862	0	0	1,443
Provincial Offences Act	0	0	0	0	0	0
Waste Diversion	51,428	13,657	2,797	1,923	1,129	31,922
Storm - Combined System	5,535	5,527	0	0	0	8
Storm - Separated System	251,790	121,465	23,956	31,399	18,440	56,530
Administrative Community-Based Studies	14,630	6,177	3,628	0	0	4,824
Totals	2,849,223	821,876	416,723	102,122	59,976	1,448,526

¹To split the post-period funding into residential and non-residential, the split from the table entitled "Infrastructure Costs Covered in the D.C. Calculation" in the 2019 DC Background Study was used.

²Under Bill 108, and confirmed under Bill 197, both Parking and Airport Lands Services will become ineligible services under the Development Charges Act. However, funding for these services will be addressed through the City's Community Benefits Charges (CBC) strategy.

Appendix "B" to Report FCS21023
Page 1 of 1

General Note: All amounts are in 000s.

Appendix "B"
5-Year Totals - 2021 Capital Budget
For the period 2021 - 2025

Service	Gross Expenditures	Net Recoveries				Net
		Reserve Funded (Capital Financing)		Debt Funded (Finance by Debt)		
		Residential	Non-Residential	Residential	Non-Residential	
Water Services	176,975	8,542	613	85,431	50,177	32,212
WWTP	215,433	24,599	14,446	15,250	8,955	152,183
Stormwater Drainage	4,500	4,500	0	0	0	0
Roads	159,132	38,067	38,018	23,612	23,657	35,778
PW & Rolling Stock	2,535	1,090	665	0	0	780
Transit	202,934	3,205	1,881	12,891	7,571	177,386
Fire Protection	12,156	0	0	7,537	4,619	0
Police Services	21,900	0	0	6,876	4,214	10,810
Outdoor Rec	71,685	26,129	1,383	13,900	732	29,541
Indoor Rec	97,521	20,331	1,071	48,953	2,577	24,588
Library	23,500	950	50	5,471	288	16,741
Admin Studies	1,795	1,017	598	0	0	180
Ambulance	1,205	0	0	975	108	122
Burlington Roads SAC	9,990	0	0	9,990	0	0
Homes for the Aged	27,700	10,995	1,221	0	0	15,484
Health Services	0	0	0	0	0	0
Social & Child	0	0	0	0	0	0
Housing	0	0	0	0	0	0
Linear Wastewater	77,810	3,000	0	45,741	26,865	2,204
Airport ¹	0	0	0	0	0	0
Parking Services ¹	33,200	5,271	3,096	0	0	24,833
Provincial Offences Act	0	0	0	0	0	0
Waste Diversion	26,483	747	0	6,153	1,412	18,171
Storm - Combined System	1,150	920	0	0	0	230
Storm - Separated System	26,485	21,725	760	748	952	2,300
Administrative Community-Based Studies	3,325	997	585	0	0	1,743
Totals	1,197,414	172,085	64,387	283,528	132,127	545,286

¹Under Bill 108, and confirmed under Bill 197, both Parking and Airport Lands Services will become ineligible services under the Development Charges Act. However, funding for these services will be addressed through the City's Community Benefits Charges (CBC) strategy.

Appendix "C" to Report FCS21023
Page 1 of 1

General Note: All amounts are in 000s.

Appendix "C"

Net Collections Available for DC Funding

2021 Capital Budget - for the period 2021 - 2025:

Collections	555,736
Less: Debt Payment WIP	-79,691
Less: Debt Payment Existing	<u>-34,552</u>
Net: Available for DC Funding	441,494

Collections Per Above	555,736
Collections Per 2019 DC Background Study	<u>1,238,599</u> *for the period 2019 - 2023
Difference (\$)	-682,863
Difference (%)	-55%

Appendix "D" to Report FCS21023
Page 1 of 1

Appendix "D"

Annual Forecasted Growth

For the period 2021 - 2025

2019 DC Background Study:

	Low Density	Medium Density	High Density
Persons Per Unit (PPU)	3.41	2.44	1.48
Annual Number of Housing Units - 2021 - 2025	1025	1000	1300
Annual Single Detached Equivalents - 2021 - 2025	1025	716	565
Annual Single Detached Equivalents - Capital Budget	1800		
Total Annual Single Detached Equivalents Per Above	<u>2306</u>		
Difference (#)	-506		
Difference (%)	-22%		



Development Charges Update Study

City of Hamilton

March 5, 2021

Watson & Associates Economists Ltd.
905-272-3600
info@watsonecon.ca

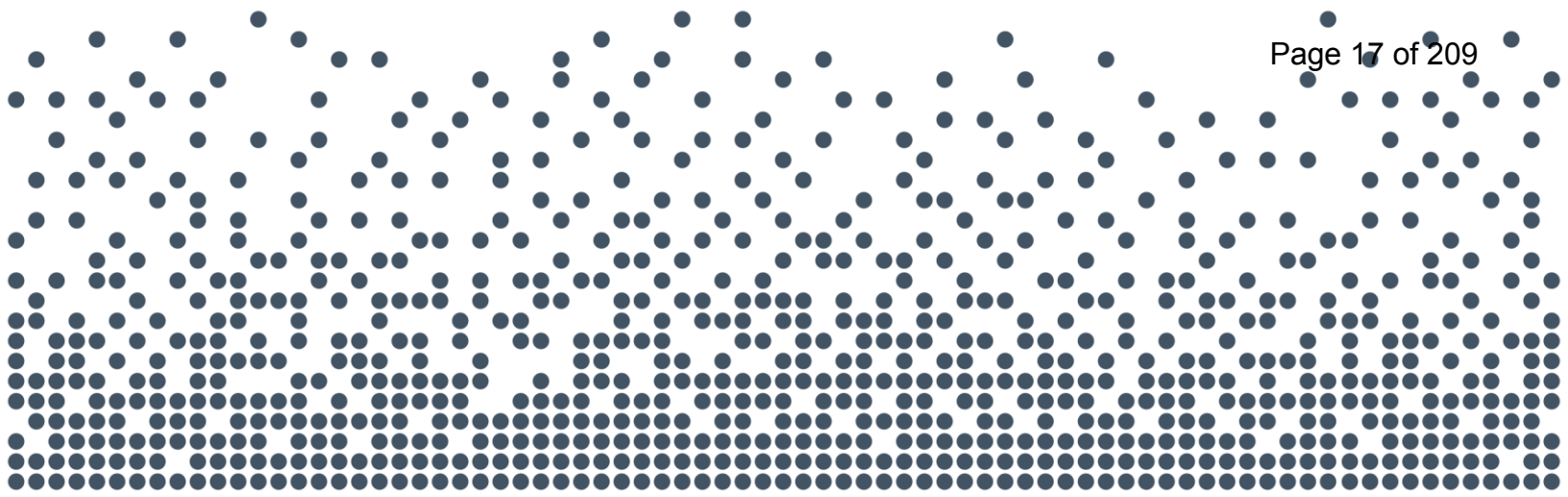
Table of Contents

	Page
1. Introduction.....	1-1
1.1 Background.....	1-1
1.2 Existing Policies (Rules)	1-5
1.3 Basis for the D.C. By-law Update	1-5
1.4 Summary of the Process.....	1-5
1.5 Policy Recommendations	1-7
2. Changes to the D.C.A. Legislation	2-1
2.1 Bill 108 – <i>More Homes, More Choice Act, 2019</i>	2-1
2.2 Bill 138 - <i>Plan to Build Ontario Together Act, 2019</i>	2-2
2.3 Bill 197 - <i>COVID-19 Economic Recovery Act, 2020</i>	2-2
2.3.1 D.C. Related Changes	2-3
2.3.2 Community Benefit Charges (C.B.C.)	2-4
2.3.3 Combined D.C. and C.B.C. Impacts	2-5
2.4 Bill 213 – <i>Better for People, Smarter for Business Act, 2020</i>	2-6
3. Anticipated Development.....	3-1
3.1 Growth Forecast in the 2019 D.C. Study	3-1
4. Updates to the City’s D.C. Study.....	4-1
4.1 Municipal Parking Services.....	4-1
4.2 Airport	4-1
4.3 Parks and Recreation Services.....	4-3
4.4 Library Services	4-12
4.5 Growth Studies	4-15
4.6 Ambulance Services	4-30
4.7 Waste Diversion Services	4-33
4.8 Public Health.....	4-35
4.9 Long-Term Care	4-37
4.10 Child Care and Early Years	4-39
4.11 Housing Services.....	4-41



Table of Contents (Cont'd)

	Page
4.12 Provincial Offences Act (P.O.A.).....	4-43
4.13 Public Works.....	4-45
4.14 D.C. By-law Revised Schedule of Charges.....	4-52
4.14.1 Updated D.C. Calculation (2019\$)	4-52
4.14.2 Revised D.C. Rates (2019\$ and 2020\$)	4-58
5. Updates to the D.C. By-law	5-1
6. Recommendations	6-1
Appendix A Existing Policies under By-law 19-142.....	A-1
Appendix B Service Standards	B-1
Appendix C Draft Amending Development Charge By-law.....	C-1



Report



Chapter 1

Introduction



1. Introduction

1.1 Background

The City of Hamilton imposes development charges (D.C.) to recover capital costs arising from the increase in needs for service related to growth. The City currently has a municipal-wide D.C. for the following services:

- Parkland Development;
- Indoor Recreation Services;
- Library Services;
- Long-Term Care;
- Health Services;
- Social & Child Services;
- Social Housing;
- Airport Lands;
- Parking Services;
- Provincial Offences Act (P.O.A.);
- Services Related to a Highway;
- Public Works Facilities, Vehicles, and Equipment;
- Police Services;
- Fire Protection Services;
- Paramedics;
- Transit Services;
- Waste Diversion; and
- Administration Studies currently split into two sub-categories.

In addition to the above services, the City also recovers water and wastewater costs associated with growth, through D.C.s in the urban serviced areas. Further stormwater costs are recovered via area specific charges in the combined sewer system vs. all other areas outside the combined sewer system area.

The basis for these D.C.s is documented in the “City of Hamilton Development Charges Background Study, Consolidated Report,” dated July 5, 2019 (the “2019 D.C. Study”),



which provided the supporting documentation for By-law 19-142. The D.C.s came into effect June 13, 2019.

The City's D.C.s have been indexed (in accordance with section 37 of the by-law) annually on July 6th, beginning in 2020, and are currently 3.92% higher than the 2019 rates implemented under By-law 19-142. The 2019 D.C.s (unindexed) are shown in Figure 1-1.

The purpose of this report is to update the current D.C. by-law in order to meet the requirements of the Development Charges Act (D.C.A.), as amended by Bill 108 (*More Homes, More Choice Act, 2019*), Bill 138 (*Plan to Build Ontario Act, 2019*), and Bill 197 (*COVID-19 Economic Recovery Act, 2020*), and Bill 213 (*Better for People, Smarter for Business Act, 2020*). A full discussion on the amending legislation is provided in Chapter 2.

A summary of the changes contained in this D.C. Update are provided below:

- The legislation has removed the mandatory deduction for all services that remain eligible in the D.C. For the City, the 10% deduction may be removed for the following services:
 - Parkland Development
 - Indoor Recreation Services
 - Library Services
 - Long-Term Care
 - Health Services
 - Social & Child Services
 - Social Housing
 - Airport Lands
 - Parking Services
 - Provincial Offences Act (P.O.A.)
 - Paramedics;
 - Public Works Facilities, Vehicles & Equipment (where associated with other discounted services);
 - Waste Diversion; and
 - General Government (Studies).



- The listing of eligible services has been changed by the amending legislation. For the City, Municipal Parking and Airport Lands will no longer be an eligible service as of September 18, 2022 (the end of the transition period provided by the amending legislation). As well, only the components of Social and Child Services that relate to Childcare and Early Years remain eligible. The amendments to the D.C. by-law will reflect these changes.
- An additional change brought forth through Bill-197 related to establishing classes of services. A class of service may be composed of any number or combination of services and may include parts or portions of each D.C.-eligible service. As a result of these changes to the D.C.A., this addendum report provides for Growth Studies (formerly Administrative Studies) as a class of services and Public Works Facilities, Vehicles and Equipment. Further discussion on classes of services is provided in Chapter 2.
- The regulations have provided an additional mandatory D.C. exemption for an added dwelling unit in new residential buildings as well as related for universities. These exemptions are to be added to the City's D.C. by-law.
- Further changes related to the timing of payments for rental housing, institutional and non-profit development were proclaimed through Bill 108. Additionally, the D.C. amount for all developments occurring within 2 years of a Site Plan or Zoning By-law Amendment planning approval, shall be determined based on the D.C. in effect on the day of Site Plan or Zoning By-law Amendment application. If the development is not proceeding via these planning approvals, then the amount is determined as the earlier of the date of issuance of a building permit or occupancy. These changes will be addressed in the amending by-law, discussed in Chapter 5 and provided in Appendix C.



Figure 1-1
City of Hamilton
2019 Development Charges (2019 \$)

Service	Residential					Non-Residential
	Single-Detached Dwelling & Semi-Detached Dwelling (per dwelling unit)	Townhouses & Other Multiple Unit Dwellings (per dwelling unit)	Apartments & Stacked Townhouses & Mobile Homes 2-Bedrooms+ (per dwelling unit)	Apartments & Stacked Townhouses & Mobile Homes Bachelor & 1-Bedrooms (per dwelling unit)	Residential Facility Dwelling & Lodging House & Garden Suite (per Bedroom)	per sq.ft. of Gross Floor Area
Municipal Wide Charges						
Services Related to a Highway	10,769	7,708	6,306	4,314	3,479	8.05
Public Works Facilities, Vehicles & Equipment	784	561	459	314	253	0.41
Police Services	524	375	307	210	169	0.26
Fire Protection Services	462	331	271	185	149	0.23
Paramedics	137	98	80	55	44	0.03
Transit Services	1,917	1,372	1,123	768	619	0.98
Waste Diversion	657	470	385	263	212	0.13
Parkland Development	2,352	1,683	1,377	942	760	0.11
Indoor Recreation Services	4,430	3,171	2,594	1,775	1,431	0.20
Library Services	1,045	748	612	419	338	0.05
Long Term Care	125	89	73	50	40	0.01
Health Services	1	1	1	-	-	-
Social & Child Services	15	11	9	6	5	-
Social Housing	648	464	379	260	209	-
Airport Lands	419	300	245	168	135	0.21
Parking Services	490	351	287	196	158	0.25
Provincial Offences Administration	40	29	23	16	13	0.02
Administrative Studies - Community Based Studies	330	236	193	132	107	0.17
Administrative Studies - Engineering Services Studies	166	119	97	66	54	0.08
Total Municipal Wide Charges	25,311	18,117	14,821	10,139	8,175	11.18
Urban Area Charges						
Wastewater Facilities	4,048	2,897	2,371	1,622	1,308	1.95
Wastewater Linear Services	5,415	3,876	3,171	2,169	1,749	2.61
Water Service	4,767	3,412	2,792	1,910	1,540	2.29
Total Urban Area Charges	14,230	10,185	8,334	5,701	4,597	6.85
Stormwater Services - Combined Sewer System: Stormwater Drainage and Control Services	3,948	2,826	2,312	1,582	1,275	-
Stormwater Services - Separated Sewer System: Stormwater Drainage and Control Services	10,462	7,488	6,127	4,191	3,380	2.16
Tota Urban Services - Combined Sewer System	18,178	13,011	10,646	7,283	5,872	6.85
Tota Urban Services - Separated Sewer System	24,692	17,673	14,461	9,892	7,977	9.01
Grand Total - Urban Combined Sewer System	43,489	31,128	25,467	17,422	14,047	18.03
Grand Total - Urban Sparated Sewer System	50,003	35,790	29,282	20,031	16,152	20.19
Additional Special Area Charges						
Dundas/Waterdown	1,971	1,410	1,154	789	637	1.04



1.2 Existing Policies (Rules)

Appendix A of this report sets out the rules governing the calculation, payment, and collection of D.C.s as provided in By-law 19-142.

1.3 Basis for the D.C. By-law Update

This D.C. update study provides for an amendment to the City's current D.C.s by-law (By-law 19-142) based on the legislative changes to the D.C.A. These include:

- Updating the D.C. analysis to remove the 10% mandatory deduction;
- Municipal Parking and Airport will no longer be eligible services as of September 18, 2022. Schedule A to the City's D.C. By-law will be amended to reflect this change;
- Creating classifications for Growth Studies and Public Works as classes of services; and
- Updating the D.C. policies in the by-law with respect to:
 - D.C. instalment payments;
 - D.C. rate freeze;
 - Mandatory exemption for new ancillary units and universities; and
 - Updated definitions (which have been established as part of Bill 108/197).

Details on the changes to the calculation and by-law are presented in Chapter 4 and Chapter 5 of this report, respectively. The draft amending by-law is presented in Appendix C to this report.

1.4 Summary of the Process

The public meeting required under section 12 of the D.C.A. has been scheduled for April 22, 2021. Its purpose is to present the update study to the public and to solicit public input. The meeting is also being held to answer any questions regarding the study's purpose, methodology and the proposed modifications to the City's D.C. by-law.

The process to be followed in finalizing the report and recommendations includes:



- consideration of responses received prior to, at, or immediately following the Public Meeting; and
- Council consideration of the amending by-law on June 9, 2021.

Figure 1-2 outlines the proposed schedule to be followed with respect to the D.C. by-law adoption process.

Figure 1-2
Schedule of Key D.C. Process Dates for the City of Hamilton

1.	Data collection, staff review, D.C. calculations and policy work	December 2020 to March 2021
2.	D.C. Stakeholder Sub-Committee Meeting	January 29, 2021
3.	Background study and proposed by-law available to public	March 5, 2021
4.	D.C. Stakeholder Sub-Committee Meeting	March 11, 2021
5.	Audit, Finance and Administration Committee Meeting (to Officially begin the 60-day circulation period)	March 25, 2021
6.	Public meeting advertisement placed in newspaper(s)	No later than April 1, 2021
7.	Public meeting of Council	April 22, 2021
8.	Audit, Finance and Administration Committee Meeting for consideration of the background study and passage of by-law	June 3, 2021
9.	Council considers adoption of background study and passage of by-law	June 9, 2021
10.	Effective date of the by-law	July 6, 2021
11.	Newspaper notice given of by-law passage	By 20 days after passage
12.	Last day for by-law appeal	40 days after passage
13.	City makes pamphlet available (where by-law not appealed)	By 60 days after in force date



1.5 Policy Recommendations

It is recommended that the City's current D.C. policies, as identified in Appendix A of this report, be continued.

Additionally, the new policies as stated in Bill 108, Bill 138, Bill 197, Bill 213 and O. Reg. 454-19 are recommended to be included. This is discussed in more detail in Chapter 2 of this report.



Chapter 2

Changes to the D.C.A. Legislation



2. Changes to the D.C.A. Legislation

2.1 Bill 108 – *More Homes, More Choice Act, 2019*

On May 2, 2019, the Province introduced Bill 108, which proposed changes to the D.C.A. The Bill has been introduced as part of the Province's "*More Homes, More Choice: Ontario's Housing Supply Action Plan.*" The Bill received Royal Assent on June 6, 2019.

While having received royal assent, many of the amendments to the D.C.A. would not come into effect until they are proclaimed by the Lieutenant Governor (many of these changes were revised through Bill 197). At the time of writing, the following provisions have been proclaimed:

- Effective January 1, 2020, rental housing and institutional developments will pay D.C.s in six equal annual payments commencing at occupancy. Non-profit housing developments will pay D.C.s in 21 equal annual payments. Interest may be charged on the instalments, and any unpaid amounts may be added to the property and collected as taxes.
- Effective January 1, 2020 the D.C. amount for all developments occurring within 2 years of a Site Plan or Zoning By-law Amendment planning approval (for application submitted after this section is proclaimed), shall be determined based on the D.C. in effect on the day of Site Plan or Zoning By-law Amendment application. If the development is not proceeding via these planning approvals, then the amount is determined the earlier of the date of issuance of a building permit or occupancy.

On February 28, 2020, the Province released updated draft regulations related to the D.C.A. and the Planning Act. A summary of these changes is provided below:

Changes to Eligible Services – Prior to Bill 108, the D.C.A. provided a list of ineligible services whereby municipalities could include growth related costs for any service that was not listed. With Bill 108, the changes to the D.C.A. would now specifically list the services that are eligible for inclusion in the by-law. Further, the initial list of eligible services under Bill 108 was limited to "hard services," with the "soft services" being removed from the D.C.A. These services would be considered as part of a new



community benefits charge (discussed below) imposed under the Planning Act. As noted in the next section this list of services has been amended through Bill 197.

Mandatory 10% deduction – The amending legislation would remove the mandatory 10% deduction for all services that remain eligible under the D.C.A.

Remaining Services to be Included in a New Community Benefits Charge (C.B.C.) Under the Planning Act – It is proposed that a municipality may, by by-law, impose a C.B.C. against land to pay for the capital costs of facilities, services and matters required because of development or redevelopment in the area to which the by-law applies. The C.B.C. is proposed to include formerly eligible D.C. services (as noted below), in addition to parkland dedication and other types of cost formerly recovered under Section 37 of the Planning Act.

2.2 Bill 138 - *Plan to Build Ontario Together Act, 2019*

On November 6, 2019, the Province release Bill 138 which provided further amendments to the D.C.A. and Planning Act. This Bill received Royal Assent on December 10, 2019 and was proclaimed which resulted in sections related to the D.C.A. (schedule 10) becoming effective on January 1, 2020. The amendments to the D.C.A. included removal of instalment payments for commercial and industrial developments that were originally included in Bill 108.

2.3 Bill 197 - *COVID-19 Economic Recovery Act, 2020*

In response to the global pandemic that began affecting Ontario in early 2020, the Province released Bill 197 which provided amendments to a number of Acts, including the D.C.A. and Planning Act. This Bill also revised some of the proposed changes identified in Bill 108. Bill 197 was tabled on July 8, 2020, received Royal Assent on July 21, 2020, and was proclaimed on September 18, 2020. The following provides a summary of the changes:



2.3.1 D.C. Related Changes

List of D.C. Eligible Services

- As noted above, under Bill 108 some services were to be included under the D.C.A. and some would be included under the C.B.C. authority. However, Bill 197 revised this proposed change and has included all services (with some exceptions) under the D.C.A. These services are as follows:
 - Water supply services, including distribution and treatment services.
 - Wastewater services, including sewers and treatment services.
 - Storm water drainage and control services.
 - Services related to a highway.
 - Electrical power services.
 - Toronto-York subway extension.
 - Transit services.
 - Waste diversion services.
 - Policing services.
 - Fire protection services.
 - Ambulance services.
 - Library services
 - Long-term Care services
 - Parks and Recreation services, but not the acquisition of land for parks.
 - Public Health services
 - Childcare and early years services.
 - Housing services.
 - Provincial Offences Act services.
 - Services related to emergency preparedness.
 - Services related to airports, but only in the Regional Municipality of Waterloo.
 - Additional services as prescribed.

Classes of Services – D.C.

Pre-Bill 108/197 legislation (i.e. D.C.A., 1997) allows for categories of services to be grouped together into a minimum of two categories (90% and 100% services).



The amending legislation repealed and replaced the above with the four following subsections:

- A D.C. by-law may provide for any eligible service or capital cost related to any eligible service to be included in a class, set out in the by-law.
- A class may be composed of any number or combination of services and may include parts or portions of the eligible services or parts or portions of the capital costs in respect of those services.
- A D.C. by-law may provide for a class consisting of studies in respect of any eligible service whose capital costs are described in paragraphs 5 and 6 of s. 5 of the D.C.A.
- A class of service set out in the D.C. by-law is deemed to be a single service with respect to reserve funds, use of monies, and credits.

As well, the removal of 10% deduction for soft services under Bill 108 has been maintained.

10-Year Planning Horizon

- The “maximum” 10-year planning horizon has been removed for all services except transit.

2.3.2 Community Benefit Charges (C.B.C.)

While a Community Benefit Charge is not being considered within this report, a summary of the legislated changes is provided herein for information purposes.

C.B.C. Eligibility

- The C.B.C. is limited to lower-tier and single tier municipalities, whereas upper-tier municipalities will not be allowed to impose this charge.
- O.Reg. 509/20 was filed on September 18, 2020. This regulation provides for the following:
 - A maximum rate will be set as a percentage of the market value of the land the day before building permit issuance. The maximum rate is set at 4%. The C.B.C may only be imposed on developing or redeveloping buildings which have a minimum height of five stories and contain no less than 10 residential units.



- Bill 197 states that before passing a C.B.C. by-law, the municipality shall prepare a C.B.C. strategy that (a) identifies the facilities, services, and matters that will be funded with C.B.C.s; and (b) complies with any prescribed requirements.
- Only one C.B.C. by-law may be in effect in a local municipality at a time.

2.3.3 Combined D.C. and C.B.C. Impacts

D.C. vs. C.B.C. Capital Cost

- A C.B.C. may be imposed with respect to the services listed in s. 2 (4) of the D.C.A. (eligible services), "provided that the capital costs that are intended to be funded by the community benefits charge are not capital costs that are intended to be funded under a development charge by-law."

Transition – D.C. and C.B.C.

- The specified date for municipalities to transition to the D.C. and C.B.C. is two years after Schedules 3 and 17 of the COVID-19 Economic Recovery Act comes into force (i.e. September 18, 2022).
- Generally, for existing reserve funds (related to D.C. services that will be ineligible):
 - If a C.B.C. is passed, the funds are transferred to the C.B.C. special account;
 - If no C.B.C. is passed, the funds are moved to a general reserve fund for the same purpose.
 - If a C.B.C. is passed subsequent to moving funds to a general reserve fund, those monies are then moved again to the C.B.C. special account.
- For reserve funds established under s. 37 of the Planning Act (e.g. bonus zoning)
 - If a C.B.C. is passed, the funds are transferred to the C.B.C. special account;
 - If no C.B.C. is passed, the funds are moved to a general reserve fund for the same purpose;
 - If a C.B.C. is passed subsequent to moving funds to a general reserve fund, those monies are then moved again to the C.B.C. special account.

If a municipality passes a C.B.C. by-law, any existing D.C. credits a landowner retains may be used towards payment of that landowner's C.B.C.



2.4 Bill 213 – *Better for People, Smarter for Business Act, 2020*

On December 8, 2020, Bill 213 received Royal Assent. One of the changes of the Bill that took effect upon Royal Assent included amending the Ministry of Training, Colleges and Universities Act by introducing a new section that would exempt the payment of D.C.s for developments of land intended for use by a university that receives operating funds from the Government.

Due to this, a revision to the exemptions section will be made in the proposed amending D.C. by-law.



Chapter 3

Anticipated Development



3. Anticipated Development

3.1 Growth Forecast in the 2019 D.C. Study

The 2019 D.C. study provided for the anticipated residential and non-residential growth within the City of Hamilton. The growth forecast associated with services included in the background study is provided in Figure 3-1 below:

Figure 3-1
City of Hamilton
2019 D.C. Background Study – Growth Forecast Summary

Measure	10-Year	13-Year	13-Year	13-Year	13-Year
	City-wide 2019-2028	City-wide 2019-2031	Urban Area 2019-2031	Combined Sewer System 2019-2031	Separated Sewer System 2019-2031
(Net) Population Increase	65,046	86,183	86,142	8,007	78,135
Residential Unit Increase	33,274	42,848	42,435	9,278	33,530
Non-Residential Gross Floor Area Increase (sq.ft.)	28,791,900	39,111,300	38,758,400	8,031,700	30,726,700

Source: Watson & Associates Economists Ltd. Forecast 2019

For the purposes of this D.C. update, the 2019 D.C. Study growth forecast remains unchanged as the incremental growth is anticipated to remain the same.



Chapter 4

Updates to the City's D.C. Study



4. Updates to the City's D.C. Study

As noted earlier, the City's D.C. By-law 19-142 came into effect on June 13, 2019, being a by-law for the purposes of establishing and collecting a D.C. in accordance with the provisions of the D.C.A. The 2019 D.C. Study and by-law identified anticipated capital needs for recovery through D.C.s for municipal-wide services, urban-wide services, area specific urban services and a special area charge in Dundas/Waterdown.

This chapter of the report discusses the removal of the 10% mandatory deduction for municipal parks and recreation services (formerly parkland development and indoor recreation services), library services, growth studies, long term care, health services, social & child services, social housing, paramedics, airport lands, parking services, P.O.A., public works facilities, vehicles & equipment, and waste diversion. A discussion is also provided on the classification of Growth Studies and Public Works as classes of services. As these costs are being added as part of the 2019 D.C. Study, the capital costs are being presented in 2019 dollars.

As part of a D.C. amendment, consideration must be given to the historical service level calculation to ensure that the service level ceiling has not been exceeded in the updated calculations. These calculations have been undertaken and are included in Appendix B to this report. No service level has been exceeded by the calculations provided herein.

4.1 Municipal Parking Services

Given the change to the D.C.A. through Bill 197, the mandatory 10% deduction has been removed from D.C.-eligible services. Note: although municipal parking will become an ineligible service under the D.C.A as of September 18, 2022, the City is eligible to collect D.C.s for this service until that date (this will be highlighted in the updated by-law).

Figure 4-1 provides the updated capital project listing with the removal of the mandatory deduction. The growth-related studies related to Municipal Parking that were previously included in the Administrative Studies – Community Based Studies capital costs, have now been reclassified and included on this capital project listing. This adjustment allows staff to amend the by-law in the future to remove Parking Services from the D.C.s, without amending the calculation related to Growth Studies. This provides for a D.C.-eligible amount of \$22.24 million.



In addition, an examination of the updated service standards has been undertaken as per section 5(1)4 of the D.C.A. The service standards for parking provide a combined D.C. level of service ceiling of \$24.15 million, which is in excess of the growth-related capital needs and hence, no further adjustments are required. The service standards are provided in Appendix B.

Based on the City's 2019 D.C. Study, the costs allocated between residential and non-residential development based on the ratio of future anticipated population and employment are 63% residential and 37% non-residential over the 10-year forecast period.



4.2 Airport

The City's has been recovering land costs for airport expansion related to growth through D.C.s for many years with this practice being continued as identified in the 2019 D.C. Study. Given the change to the D.C.A. through Bill 197, the mandatory 10% deduction has been removed from D.C.-eligible services. Note: although airport will become an ineligible service under the D.C.A as of September 18, 2022, the City is eligible to collect D.C.s for this service until that date (this will be highlighted in the updated by-law).

Figure 4-2 provides the updated capital project listing with the removal of the mandatory deduction. This provides for a D.C.-eligible amount of \$18.73 million.

In addition, an examination of the updated service standards has been undertaken as per section 5(1)4 of the D.C.A. The service standards for airport lands provide a combined D.C. level of service ceiling of \$18.92 million, which is in excess of the growth-related capital needs and hence, no further adjustments are required. The service standards are provided in Appendix B.

Based on the City's 2019 D.C. Study, the costs allocated between residential and non-residential development based on the ratio of future anticipated population and employment are 63% residential and 37% non-residential over the 10-year forecast period.



4.3 Parks and Recreation Services

The City currently collects for Parks and Recreation under two categories, Parkland Development and Indoor Recreation Services. With the changes to the D.C. Act, these charges continue to be eligible as Parks and Recreation Services. For updated calculation purposes, we have continued to provide two sub-categories within this combine eligible service, the first being Outdoor Recreation and Park Development, Amenities, Trails, Vehicles & Equipment and the second being Indoor Recreation Facilities, Vehicles & Equipment.

As discussed earlier, the capital costs included for Parks and Recreation have been modified to remove the mandatory 10% deduction. Figures 4-3 and 4-4 provide the updated capital project listings with the removal of the 10% deduction. The total D.C. eligible amount being included in the calculations for Parks and Recreation Services is \$198.59 million.

Through the updated service standards provided in Appendix B, the maximum D.C. allowed to be recovered for Parks and Recreation is \$273.11 million. This ceiling is in well in excess of the growth-related capital needs.

Based on the City's 2019 D.C. Study, as the predominant users of parks and recreation tend to be residents of the City, the forecasted growth-related costs have been allocated 95% to residential and 5% to non-residential.



Figure 4-3
City of Hamilton
Parks and Recreation Capital – Update
Outdoor Recreation and Park Development, Amenities, Trails, Vehicles & Equipment

Project Number	Increased Service Needs Attributable to Anticipated Development	Timing (year)	Gross Capital Cost Estimate (2019\$)	Post Period Benefit	Other Deductions	Net Capital Cost	Less:		Potential D.C. Recoverable Cost		
							Benefit to Existing Development	Grants, Subsidies and Other Contributions Attributable to New Development	Total	Residential Share	Non-Residential Share
	2019-2028								95%	5%	
1	John St. N. & Rebecca St. Park - Master Plan Implementation	2019-2022	3,860,000	-		3,860,000	3,319,600		540,400	513,380	27,020
2	Nash Orchard Park	2021-2022	832,000	-		832,000	-		832,000	790,400	41,600
3	Highland Road Park	2020	776,000	-		776,000	-		776,000	737,200	38,800
4	Highbury Meadows North Park	2020	703,000	-		703,000	-		703,000	667,850	35,150
5	Cherry Beach Lakefront Park	2021	969,000	-		969,000	-		969,000	920,550	48,450
6	The Crossings Park	2022	838,000	-		838,000	-		838,000	796,100	41,900
7	Brooks at Rymal Park	2020	883,000	-		883,000	-		883,000	838,850	44,150
8	Lancaster Heights Park	2020	675,000	-		675,000	-		675,000	641,250	33,750
9	Fletcher Road Parkette	2022	191,000	-		191,000	-		191,000	181,450	9,550
10	Ancaster Meadows Park	2019	641,000	-		641,000	-		641,000	608,950	32,050
11	Parkside Hills Park	2022	607,000	-		607,000	-		607,000	576,650	30,350
12	Clear Skies proposed park	2023-2024	978,000	-		978,000	-		978,000	929,100	48,900
13	Gatesbury Park Upgrades - New fitness area, skateboard feature and basketball	2019-2021	498,000	-		498,000	498,000		-	-	-
14	Meadowlands Community Park Spraypad	2019-2020	475,000	-		475,000	237,500		237,500	225,625	11,875
15	Broughton West Park Upgrade for New Spray Pad	2021-2022	475,000	-		475,000	237,500		237,500	225,625	11,875
16	Alexander Park - Upgrade for new skate park	2019	532,000	-		532,000	266,000		266,000	252,700	13,300
17	Mcquesten Park - Additional Fitness Equipment	2020	270,000	-		270,000	135,000		135,000	128,250	6,750
18	Waterfalls Viewing - Albion Falls New Access on South Side	2019	1,320,000	-		1,320,000	660,000		660,000	627,000	33,000
19	Chedoke Falls - New Access to Upper and Lower Falls	2019-2022	4,528,000	-		4,528,000	2,264,000		2,264,000	2,150,800	113,200
20	Skateboard Study Implementation at Various Locations Throughout the City	2019-2028	11,190,000	6,714,000		4,476,000	-		4,476,000	4,252,200	223,800
21	Johnson Tew New Arboretum	2019-2021	150,000	-		150,000	75,000		75,000	71,250	3,750
22	Billy Sherring - Class C Field Replace & Upgrade to Class A Artificial	2027	1,200,000	1,115,700		84,300	84,300		-	-	-



Figure 4-3 Continued
City of Hamilton
Parks and Recreation Capital – Update
Outdoor Recreation and Park Development, Amenities, Trails, Vehicles & Equipment

Project Number	Increased Service Needs Attributable to Anticipated Development	Timing (year)	Gross Capital Cost Estimate (2019\$)	Post Period Benefit	Other Deductions	Net Capital Cost	Less:		Potential D.C. Recoverable Cost		
							Benefit to Existing Development	Grants, Subsidies and Other Contributions Attributable to New Development	Total	Residential Share	Non-Residential Share
2019-2028									95%	5%	
23	Waterford Park	2019-2022	1,122,000	-		1,122,000	561,000		561,000	532,950	28,050
24	Summit Park Phase 10 Binbrook	2019	500,000	-		500,000	-		500,000	475,000	25,000
25	William Connell Toboggan Hill	2022	1,224,000	-		1,224,000	-		1,224,000	1,162,800	61,200
26	William Connell Play Structure, Parking Lot, Landscaping	2028	1,700,000	1,598,000		102,000	-		102,000	96,900	5,100
27	Roxborough Park	2019	765,000	-		765,000	765,000		-	-	-
28	Provision for Elfrida Park Developments (8 neighbourhood parks & 1 community park)	2023-2028	7,710,200	-		7,710,200	-		7,710,200	7,324,690	385,510
29	Waterdown South Skinner Park (Asset ID 1013)	2019	624,000	-		624,000	-		624,000	592,800	31,200
30	Waterdown South Parkette 2 Water Tower (Asset ID 30)	2023	174,000	-		174,000	-		174,000	165,300	8,700
31	Waterdown South Parkette 1 (Asset ID 54) Skinner Road and Burke Avenue	2021	157,000	-		157,000	-		157,000	149,150	7,850
32	Waterdown South Smoky Hollow Park (Asset ID 72)	2021	676,000	-		676,000	-		676,000	642,200	33,800
33	Waterdown South Parkette 3 (Asset ID 71)	2023	82,000	-		82,000	-		82,000	77,900	4,100
34	Bookjans West Park	2019	570,000	-		570,000	-		570,000	541,500	28,500
35	Heritage Green Community Sports Park - Future Phases	2021-2023	2,405,000	-		2,405,000	-		2,405,000	2,284,750	120,250
36	Brian Timmis Field Development - Stadium Precinct Park	2020-2021	8,657,000	-		8,657,000	4,946,900		3,710,100	3,524,595	185,505
37	Fruitland/Winona Parkland Development	2023	1,237,000	-		1,237,000	-		1,237,000	1,175,150	61,850
38	Red Hill Phase 3 & 4 Park	2019	650,000	-		650,000	-		650,000	617,500	32,500
39	Spencer Creek Estates	2020	340,000	-		340,000	-		340,000	323,000	17,000
40	Lewis Road Park (Winona)	2019-2021	700,000	-		700,000	-		700,000	665,000	35,000
41	Confederation Park - Little Squirt Works & Area Redevelopment	2019-2020	1,530,000	-		1,530,000	765,000		765,000	726,750	38,250



Figure 4-3 Continued
City of Hamilton
Parks and Recreation Capital – Update
Outdoor Recreation and Park Development, Amenities, Trails, Vehicles & Equipment

Project Number	Increased Service Needs Attributable to Anticipated Development	Timing (year)	Gross Capital Cost Estimate (2019\$)	Post Period Benefit	Other Deductions	Net Capital Cost	Less:		Potential D.C. Recoverable Cost		
							Benefit to Existing Development	Grants, Subsidies and Other Contributions Attributable to New Development	Total	Residential Share	Non-Residential Share
	2019-2028									95%	5%
42	Confederation Park - Sports Park Development - Phase 2 (Natural play area, tree planting)	2020	4,243,000	2,291,200		1,951,800	424,300		1,527,500	1,451,125	76,375
43	Confederation Park - Central Village - Pkg. Lot & Roadways, Phase 1	2029-2036	3,366,000	3,366,000		-	-		-	-	-
44	Confederation Park - Sports Park Development - Phase 3 (Picnic areas and shelter, parking lot lighting, tree planting, site furniture)	2020	803,000	433,600		369,400	80,300		289,100	274,645	14,455
45	Confederation Park - Central Village - Public Realm & Square	2029-2036	2,805,000	2,805,000		-	-		-	-	-
46	Confederation Park - West Entrance and Naturalizing the Go Karts Site	2021-2026	612,000	-		612,000	-		612,000	581,400	30,600
47	Confederation Park - Internal Trail Between Central Village and Beaches Grill	2029-2036	204,000	204,000		-	-		-	-	-
48	Confederation Park - Boardwalk to Beach	2021-2026	459,000	275,400		183,600	-		183,600	174,420	9,180
49	Confederation Park - General Trail Upgrades	2021-2026	204,000	61,200		142,800	102,000		40,800	38,760	2,040
50	Confederation Park - Group Picnic Area	2029-2036	561,000	280,500		280,500	280,500		-	-	-
51	Confederation Park - Central Parking Lot & Volleyball Centre Area	2029-2036	357,000	357,000		-	-		-	-	-
52	Confederation Park Soccer Field Area	2021-2026	51,000	36,700		14,300	5,100		9,200	8,740	460
53	Confederation Park - Wild Waterworks Property Upgrades	2021-2026	408,000	122,400		285,600	204,000		81,600	77,520	4,080
54	Confederation Park - Woodland Restoration - Phase 1	2021-2026	408,000	122,400		285,600	204,000		81,600	77,520	4,080
55	Confederation Park - Woodland Restoration - Phase 2	2029-2036	408,000	204,000		204,000	204,000		-	-	-
56	Confederation Park - Van Wagners Marsh Upgrades Phase 1	2021-2026	408,000	122,400		285,600	204,000		81,600	77,520	4,080



Figure 4-3 Continued
City of Hamilton
Parks and Recreation Capital – Update
Outdoor Recreation and Park Development, Amenities, Trails, Vehicles & Equipment

Project Number	Increased Service Needs Attributable to Anticipated Development	Timing (year)	Gross Capital Cost Estimate (2019\$)	Post Period Benefit	Other Deductions	Net Capital Cost	Less:		Potential D.C. Recoverable Cost		
							Benefit to Existing Development	Grants, Subsidies and Other Contributions Attributable to New Development	Total	Residential Share	Non-Residential Share
	2019-2028									95%	5%
57	Confederation Park - Van Wagners Marsh Upgrades Phase 2	2029-2036	408,000	204,000		204,000	204,000		-	-	-
58	Confederation Park - Signage - Phase 2	2021-2026	255,000	-		255,000	-		255,000	242,250	12,750
59	Confederation Park - Park Corridor Upgrades along Van Wagners Beach Road	2021-2026	612,000	-		612,000	-		612,000	581,400	30,600
60	Confederation Park - Lighting along Strip	2021-2026	561,000	-		561,000	-		561,000	532,950	28,050
61	Confederation Park - Pumping station, sanitary forcemain, and electrical servicing for Lakeland area	2021-2026	918,000	-		918,000	-		918,000	872,100	45,900
62	Confederation Park - Public Art & Site Work - Centennial Pkwy Entrance	2029-2036	612,000	612,000		-	-		-	-	-
63	Confederation Park - Centennial Intersection & Entrance	2029-2036	4,998,000	4,998,000		-	-		-	-	-
64	Confederation Park - Primary infrastructure for servicing the central village and ice skating facility	2029-2036	2,193,000	2,193,000		-	-		-	-	-
65	Confederation Park - Services for Adventure Village Expansion	2029-2036	153,000	153,000		-	-		-	-	-
66	West Harbour Parkland Development - Gas Dock and Marina Services	2019	1,200,000	-		1,200,000	600,000		600,000	570,000	30,000
67	West Harbour Pier 5-7 Marina Shoreline Rehab (HWT) (Additional funds)	2019	810,000	-		810,000	202,500		607,500	577,125	30,375
68	West Harbour Pier 5-7 Boardwalk (HWT)	2019-2021	7,325,000	-		7,325,000	1,831,300		5,493,700	5,219,015	274,685
69	West Harbour Pier 6 Artisan Village (HWT)	2021-2021	4,170,000	-		4,170,000	2,085,000		2,085,000	1,980,750	104,250
70	West Harbour Pier 7 Commercial Village (HWT)	2019	3,050,000	-		3,050,000	1,525,000		1,525,000	1,448,750	76,250
71	West Harbour Pier 8 Shorewall Rehab	2019-2028	16,575,000	5,635,500		10,939,500	9,945,000		994,500	944,775	49,725



Figure 4-3 Continued
City of Hamilton
Parks and Recreation Capital – Update
Outdoor Recreation and Park Development, Amenities, Trails, Vehicles & Equipment

Project Number	Increased Service Needs Attributable to Anticipated Development	Timing (year)	Gross Capital Cost Estimate (2019\$)	Post Period Benefit	Other Deductions	Net Capital Cost	Less:		Potential D.C. Recoverable Cost		
							Benefit to Existing Development	Grants, Subsidies and Other Contributions Attributable to New Development	Total	Residential Share	Non-Residential Share
2019-2028									95%	5%	
72	West Harbour Macassa Bay - Shoreline Improvements	2019-2028	5,305,000	3,381,900		1,923,100	1,326,300		596,800	566,960	29,840
73	West Harbour Macassa Bay Boardwalk and Trail	2019-2028	7,000,000	4,462,500		2,537,500	1,750,000		787,500	748,125	39,375
74	West Harbour Pier 8 Greenway	2021-2028	1,235,000	629,900		605,100	494,000		111,100	105,545	5,555
75	West Harbour Bayfront Park Upgrades Phase 3 (Entrance Fountain)	2021-2028	780,000	165,800		614,200	585,000		29,200	27,740	1,460
76	West Harbour - Bayview Park Remediation and Redevelopment	2021-2028	2,275,000	966,900		1,308,100	1,137,500		170,600	162,070	8,530
	Trails										
77	Ancaster Creek Trail	2023	920,500	-		920,500	-		920,500	874,475	46,025
78	Churchill Park Trail	2020-2022	381,000	-		381,000	-		381,000	361,950	19,050
79	Chedoke Rail Trail Extension	2029-2030	240,300	240,300		-	-		-	-	-
80	Chedoke Rail Trail, Claremont Link	2029-2030	245,200	245,200		-	-		-	-	-
81	Glenburn Court - Battlefield Creek Trail	2024	235,100	-		235,100	-		235,100	223,345	11,755
82	Sam Manson Park Trail	2020	104,200	-		104,200	-		104,200	98,990	5,210
83	Park Trail Connections - Upper James St. to Limeridge Mall Hydro Corridor Trail	2027-2031	969,600	436,300		533,300	484,800		48,500	46,075	2,425
84	First Road West Link	2021-2022	376,200	-		376,200	-		376,200	357,390	18,810
85	Heritage Green Sports Park Link	2022	200,000	-		200,000	-		200,000	190,000	10,000
86	Summerlea West Park - Fletcher Road Parkette Link	2027	687,000	618,300		68,700	-		68,700	65,265	3,435
87	Filman Road Link - North Segment	2022	275,900	-		275,900	-		275,900	262,105	13,795
88	Filman Road Link - South Segment	2022	539,700	-		539,700	-		539,700	512,715	26,985
89	Meadowlands Trail System Links	2020-2024	1,700,000	-		1,700,000	-		1,700,000	1,615,000	85,000
90	Tollgate Drive Link	2030	259,400	259,400		-	-		-	-	-
91	Spencer Creek, Main Street and Thorpe Street Link	2029-2031	3,731,000	3,731,000		-	-		-	-	-
92	Spencer Creek, Mercer Street and Governor's Road Lin	2029-2031	710,300	710,300		-	-		-	-	-
93	Cascade Trail Link	2029-2031	313,500	313,500		-	-		-	-	-
94	Dundas Valley Link	2029-2031	1,138,000	1,138,000		-	-		-	-	-



Figure 4-3 Continued
City of Hamilton
Parks and Recreation Capital – Update
Outdoor Recreation and Park Development, Amenities, Trails, Vehicles & Equipment

Project Number	Increased Service Needs Attributable to Anticipated Development	Timing (year)	Gross Capital Cost Estimate (2019\$)	Post Period Benefit	Other Deductions	Net Capital Cost	Less:		Potential D.C. Recoverable Cost		
							Benefit to Existing Development	Grants, Subsidies and Other Contributions Attributable to New Development	Total	Residential Share	Non-Residential Share
	2019-2028									95%	5%
91	Spencer Creek, Main Street and Thorpe Street Link	2029-2031	3,731,000	3,731,000		-	-		-	-	-
92	Spencer Creek, Mercer Street and Governor's Road Lin	2029-2031	710,300	710,300		-	-		-	-	-
93	Cascade Trail Link	2029-2031	313,500	313,500		-	-		-	-	-
94	Dundas Valley Link	2029-2031	1,138,000	1,138,000		-	-		-	-	-
95	Borer's Creek Trail Link	2027	786,200	629,000		157,200	-		157,200	149,340	7,860
96	Waterdown Pipeline Trail Link	2019-2020	422,000	-		422,000	211,000		211,000	200,450	10,550
97	Parkside Drive - Robson Link	2019	181,500	-		181,500	-		181,500	172,425	9,075
98	Highway 5 - Mountain Brow Road Link	2019	600,000	-		600,000	-		600,000	570,000	30,000
99	East Mountain Trail Loop	2019-2020	854,000	-		854,000	811,300		42,700	40,565	2,135
100	Joe Sam's New Trail Connection Through the Park	2019-2020	100,000	-		100,000	-		100,000	95,000	5,000
101	Confederation Park - Growth Related Debt Interest (Discounted)	2019-2034	1,573,689	722,300		851,389	-		851,389	808,820	42,569
102	Reserve Fund Adjustment		3,984,856	-		3,984,856	-		3,984,856	3,785,613	199,243
	Total		160,675,345	52,555,600	-	108,119,745	39,715,700	-	68,404,045	64,983,843	3,420,202



Figure 4-4
City of Hamilton
Parks and Recreation Capital – Update
Indoor Recreation, Buildings in Parks, Vehicles & Equipment

Project Number	Increased Service Needs Attributable to Anticipated Development	Timing (year)	Gross Capital Cost Estimate (2019\$)	Post Period Benefit	Other Deductions	Net Capital Cost	Less:		Potential D.C. Recoverable Cost		
							Benefit to Existing Development	Grants, Subsidies and Other Contributions Attributable to New Development	Total	Residential Share	Non-Residential Share
	2019-2028									95%	5%
1	Valley Park Community Centre Expansion	2019-2021	1,800,000	-		1,800,000	180,000		1,620,000	1,539,000	81,000
2	Norman Pinky Lewis Recreation Centre Expansion	2023-2025	6,600,000	-		6,600,000	3,300,000		3,300,000	3,135,000	165,000
3	Winona Community Centre	2022-2024	26,500,000	-		26,500,000	-		26,500,000	25,175,000	1,325,000
4	Elfrida Community Centre	2027-2036	27,500,000	22,000,000		5,500,000	-		5,500,000	5,225,000	275,000
5	Binbrook Community Centre	2028	27,500,000	14,025,000		13,475,000	-		13,475,000	12,801,250	673,750
6	Sackville Expansion	2026	6,700,000	-		6,700,000	-		6,700,000	6,365,000	335,000
7	Waterdown Community Centre	2025-2027	27,000,000	-		27,000,000	-		27,000,000	25,650,000	1,350,000
8	Riverdale Community Hub & Domenic Agostino Riverdale Community Centre Expansion	2020-2022	11,000,000	-		11,000,000	-		11,000,000	10,450,000	550,000
9	Riverdale Community Hub & Domenic Agostino Riverdale Community Centre Expansion - Growth Related Debt Interest (Discounted)	2023-2038	1,436,413	-		1,436,413	-		1,436,413	1,364,592	71,821
10	William Connell Park Washroom and changeroom Facilities (under construction)	2019	3,700,000	-		3,700,000	-		3,700,000	3,515,000	185,000
11	Sir Wilfrid Laurier Gymnasium	2020-2021	8,650,000	-		8,650,000	-		8,650,000	8,217,500	432,500
12	Sir Wilfrid Laurier Gymnasium - Growth Related Debt Interest (Discounted)	2022-2037	1,488,247	-		1,488,247	-		1,488,247	1,413,835	74,412
13	Mt. Hope new Rec Centre	2025-2028	4,850,000	-		4,850,000	-		4,850,000	4,607,500	242,500
14	William Connell Ward 8 Ice Loop	2028	4,360,000	-		4,360,000	-		4,360,000	4,142,000	218,000
15	Ancaster Tennis Bubble	2019-2020	1,000,000	-		1,000,000	-	1,000,000	-	-	-



Figure 4-4 Continued
City of Hamilton
Parks and Recreation Capital – Update
Indoor Recreation, Buildings in Parks, Vehicles & Equipment

Project Number	Increased Service Needs Attributable to Anticipated Development	Timing (year)	Gross Capital Cost Estimate (2019\$)	Post Period Benefit	Other Deductions	Net Capital Cost	Less:		Potential D.C. Recoverable Cost		
							Benefit to Existing Development	Grants, Subsidies and Other Contributions Attributable to New Development	Total	Residential Share	Non-Residential Share
	2019-2028									95%	5%
16	Parkdale Outdoor Pool Washroom & Changeroom	2019-2021	3,000,000	-		3,000,000	2,640,000		360,000	342,000	18,000
17	Dundas Valley Washroom	2019	565,000	-		565,000	-		565,000	536,750	28,250
18	Durand Park Washroom Building	2019	325,000	-		325,000	-		325,000	308,750	16,250
19	Stadium Precinct Park Fieldhouses & Washrooms	2020	5,200,000	-		5,200,000	-		5,200,000	4,940,000	260,000
20	Confederation Park - Sports Park Buildings Phase 1: Gatehouse	2019	700,000	-		700,000	-		700,000	665,000	35,000
21	Confederation Park - Sports Park Buildings Phase 2: Fieldhouse and Staff Works Yard	2020-2024	5,500,000	-		5,500,000	-		5,500,000	5,225,000	275,000
22	Confederation Park - Ice skating rink/loop, field house & zamboni	2027-2036	3,570,000	-		3,570,000	-		3,570,000	3,391,500	178,500
23	West Harbour Washroom/Concession	2021-2022	1,000,000	-		1,000,000	500,000		500,000	475,000	25,000
24	Reserve Fund Adjustment						6,112,363		(6,112,363)	(5,806,745)	(305,618)
	Total		179,944,660	36,025,000	-	143,919,660	12,732,363	1,000,000	130,187,297	123,677,932	6,509,365



4.4 Library Services

With respect to library services, adjustments have been made to reflect the removal of the mandatory 10% deduction. Figure 4-5 provides the capital project listing with the removal of the mandatory deduction.

The details regarding the updated service standards are provided in Appendix B. The resulting service standards for Library provide a D.C. ceiling of approximately \$29.64 million. Given that the capital program is \$28.66 million, the D.C.-eligible capital amounts are within the level of service ceiling. In addition to the capital program, outstanding debt of \$1.55 million is also included in the D.C. calculations.

Based on the City's 2019 D.C. study, the growth-related capital costs have been allocated 95% residential and 5% non-residential. This is to acknowledge that although library usage is predominantly residential based, there is some use of the facilities by non-residential users.



Figure 4-5
City of Hamilton
Library Services – Updated Capital Listing

Project Number	Increased Service Needs Attributable to Anticipated Development 2019-2028	Timing (year)	Gross Capital Cost Estimate (2019\$)	Post Period Benefit	Other Deductions	Net Capital Cost	Less:		Potential D.C. Recoverable Cost		
							Benefit to Existing Development	Grants, Subsidies and Other Contributions Attributable to New Development	Total	Residential Share 95%	Non-Residential Share 5%
	Facilities:										
1	South Mountain Complex - Turner Park - Debt Principal (Discounted)	2019-2023	1,129,104	-		1,129,104	-		1,129,104	1,072,648	56,455
2	South Mountain Complex - Turner Park - Debt Interest (Discounted)	2019-2023	94,210	-		94,210	-		94,210	89,500	4,711
3	Binbrook Expansion Growth Related Debt Principal	2020-2035	2,016,500	-		2,016,500	998,000		1,018,500	967,575	50,925
4	Binbrook Expansion Growth Related Debt Interest (Discounted)	2020-2035	243,530	-		243,530	-		243,530	231,353	12,176
5	Valley Park - Expansion & Renovation - Construction*	2020	6,452,000	-		6,452,000	262,000	1,250,000	4,940,000	4,693,000	247,000
6	Valley Park - Furnishings for Expansion	2020	1,347,000	-		1,347,000	-		1,347,000	1,279,650	67,350
7	Valley Park - Expansion - Growth Related Debt Interest (Discounted)	2020-2035	1,215,970	-		1,215,970	-		1,215,970	1,155,171	60,798
8	Winona/Stoney Creek - New - Furnishings for New Facility	2024-2025	1,000,000	-		1,000,000	-		1,000,000	950,000	50,000
9	Winona/Stoney Creek - New - Construction (Estimated 9,000 sq. ft.)	2024-2025	5,000,000	-		5,000,000	-		5,000,000	4,750,000	250,000
10	Mount Hope - Replacement & Expansion - Construction (Estimated 5,000 sq. ft.)	2022-2023	3,500,000	-		3,500,000	1,841,400		1,658,600	1,575,670	82,930
11	Mount Hope - New - Furnishings for Expansion	2022-2023	500,000	-		500,000	-		500,000	475,000	25,000
12	Ancaster - Expansion - Construction (estimated 20,000 sq. ft.)	2024	8,500,000	-		8,500,000	5,590,000		2,910,000	2,764,500	145,500
13	Ancaster Furnishings for Expansion	2024	1,500,000	-		1,500,000	-		1,500,000	1,425,000	75,000
14	Greensville - New Library	2019	2,434,000	-		2,434,000	1,789,700		644,300	612,085	32,215
15	Greensville - Furnishings	2019	441,000	-		441,000	-		441,000	418,950	22,050
16	Carlisle - Replacement/Renovation	2020	2,500,000	-		2,500,000	2,500,000		-	-	-
17	Lower City New/Expanded Library (Estimated 8,000 sq. ft.)	2025	5,241,000	4,297,600		943,400	-		943,400	896,230	47,170



Figure 4-5 Continued
City of Hamilton
Library Services – Updated Capital Listing (cont'd)

Project Number	Increased Service Needs Attributable to Anticipated Development 2019-2028	Timing (year)	Gross Capital Cost Estimate (2019\$)	Post Period Benefit	Other Deductions	Net Capital Cost	Less:		Potential D.C. Recoverable Cost		
							Benefit to Existing Development	Grants, Subsidies and Other Contributions Attributable to New Development	Total	Residential Share 95%	Non-Residential Share 5%
	Facilities:										
18	Elfrida - New Branch (Estimated 12,000 sq. ft.)	2030	7,000,000	7,000,000		-	-		-	-	-
19	Central Library - Phase IV - Local History & Archives - Renovations	2022	1,500,000	-		1,500,000	1,500,000		-	-	-
20	New Permanent Location For Red Hill (Estimated 15,000 sq. ft.)	2025	8,000,000	1,417,000		6,583,000	6,272,000		311,000	295,450	15,550
21	Saltfleet Move to Stoney Creek (Estimated 15,000 sq. ft.)	2025	8,000,000	1,498,700		6,501,300	6,172,300		329,000	312,550	16,450
22	New North End Branch (Estimated 8,000 sq. ft.)	2025	5,500,000	4,510,000		990,000	-		990,000	940,500	49,500
	Vehicles:										
23	Bookmobile - Electronic	2020	550,000	-		550,000	-		550,000	522,500	27,500
	Collection Materials:										
24	Valley Park - Expansion - Materials	2020	1,272,300	-		1,272,300	-		1,272,300	1,208,685	63,615
25	Winona/Stoney Creek - New - Materials	2024-2025	405,200	-		405,200	-		405,200	384,940	20,260
26	Mount Hope Materials	2022-2023	396,400	-		396,400	-		396,400	376,580	19,820
27	Ancaster Materials	2024	593,600	-		593,600	-		593,600	563,920	29,680
28	Greensville Materials	2019	121,700	-		121,700	-		121,700	115,615	6,085
29	Carlisle Materials	2020	125,000	-		125,000	-		125,000	118,750	6,250
30	Expanded Lower City Branch Materials	2025	262,050	214,900		47,150	-		47,150	44,793	2,358
31	Red Hill Permanent Location Materials	2025	620,000	508,400		111,600	-		111,600	106,020	5,580
32	Saltfleet - Expansion - Materials	2025	620,400	508,700		111,700	-		111,700	106,115	5,585
33	New North End Branch Materials	2025	400,000	328,000		72,000	-		72,000	68,400	3,600
	Reserve Fund Adjustment:										
34	Reserve Fund Adjustment		189,220	-		189,220	-		189,220	179,759	9,461
	Total		78,670,183	20,283,300	-	58,386,883	26,925,400	1,250,000	30,211,483	28,700,909	1,510,574



4.5 Growth Studies

A change brought forth through the Bill-197 amended legislation concerned classes of services. A class of service may be composed of any number or combination of services and may include parts or portions of each D.C.-eligible service. Section 7 of the D.C.A. states that a D.C. by-law may provide for any D.C.-eligible service or the capital costs with respect to those services. These provisions allow for services to be grouped together to create a class for the purposes of the D.C. by-law and D.C. reserve funds.

In addition, Section 7(3) of the D.C.A. states that:

“For greater certainty, a development charge by-law may provide for a class consisting of studies in respect of any service listed in subsection 2 (4) whose capital costs are described in paragraphs 5 and 6 of subsection 5 (3).”

As a result of these changes to the D.C.A., this update study provides for the former “Administrative Studies – Community Based Studies” and “Administrative Studies – Engineering Services Studies” to be combined and categorized as a class of services entitled “Growth Studies.” Growth Studies provide for studies comprised of the following services:

- Water Services;
- Wastewater Services;
- Stormwater Drainage and Control Services;
- Services Related to a Highway;
- Fire Protection Services;
- Policing Services
- Ambulance Services (formerly referred to as Paramedics);
- Transit Services;
- Waste Diversion;
- Parks and Recreation Services;
- Library Services;
- Long Term Care;
- Public Health;
- Child Care and Early Years;



- Housing Services; and
- P.O.A.

Figure 4-6 depicts how the costs of capital projects are allocated across the services. For planning related studies, a deduction of 10% has been applied to recognize the extent to which some studies relate to non-D.C.-eligible services. Most planning studies, along with development charge studies, have been allocated to the class of based on the proportion of the total net growth-related capital costs for each service included in the D.C. background study, in the following manner:

- Water Services – 11.15%
- Wastewater Services – 22.13%
- Stormwater Services – 17.06%
- Services Related to a Highway – 30.68%
- Policing Services – 1.26%
- Fire Protection Services – 1.11%
- Ambulance Services – 0.19%
- Transit Services – 3.54%
- Waste Diversion – 1.02%
- Parks and Recreation – 9.24%
- Library Services – 1.4%
- Long-Term Care – 0.23%
- Public Health – 0.00%
- Child Care and Early Years – 0.02%
- Housing Services – 0.87%
- P.O.A. 0.07%

Other studies, such as joint water & wastewater studies, have been split 50%/50% to each service, studies related to water, wastewater, stormwater, and roads have been allocated 25% to each service, and other studies have been shared based on the proportionate amount of growth-related capital associated with the services that benefit from the studies.

In updating the list of studies to be included for this D.C. update, the parking related study was removed as mentioned in section 4.1 above. In addition, there were a number of studies included in the 2019 D.C. study that have been removed as they do



not specifically relate to a service on the revised eligible list of services. Finally, the cost of undertaking this D.C. update process was included.

In addition to the classification as a class of service, and allocation of studies between eligible services, the mandatory 10% deduction has been removed for non-planning related studies. The total revised growth-related capital costs included in the updated D.C. calculations equal \$16.06 million.

The capital costs have been allocated 63% residential and 37% non-residential based on the incremental growth in population to employment for the 10-year forecast period, consistent with the 2019 D.C. Background Study.



Figure 4-6
City of Hamilton
Growth Studies Capital – Updated

Class of Service: Growth Studies

Prj.No	Increased Service Needs Attributable to Anticipated Development Class of Service	Service to Which Study Relates	Timing (year)	Gross Capital Cost Estimate (2019\$)	Post Period Benefit	Other Deductions*	Net Capital Cost	Less:		Potential D.C. Recoverable Cost		
								Benefit to Existing Development	Grants, Subsidies and Other Contributions Attributable to New Development	Total	Residential Share 63%	Non-Residential Share 37%
2019-2028												
1	Development Charge Study											
1a	Development Charge Study	Water Services	2019	81,470	-		81,470	-		81,470	51,326	30,144
1b	Development Charge Study	Wastewater Services	2019	161,710	-		161,710	-		161,710	101,877	59,833
1c	Development Charge Study	Stormwater Drainage and Control Services	2019	124,710	-		124,710	-		124,710	78,567	46,143
1d	Development Charge Study	Services Related to a Highway	2019	224,230	-		224,230	-		224,230	141,265	82,965
1e	Development Charge Study	Policing Services	2019	9,220	-		9,220	-		9,220	5,809	3,411
1f	Development Charge Study	Fire Protection Services	2019	8,120	-		8,120	-		8,120	5,116	3,004
1g	Development Charge Study	Ambulance Services	2019	1,400	-		1,400	-		1,400	882	518
1h	Development Charge Study	Transit Services	2019	25,880	-		25,880	-		25,880	16,304	9,576
1i	Development Charge Study	Waste Diversion Services	2019	7,480	-		7,480	-		7,480	4,712	2,768
1j	Development Charge Study	Parks & Recreation Services	2019	67,520	-		67,520	-		67,520	42,538	24,982
1k	Development Charge Study	Library Services	2019	10,250	-		10,250	-		10,250	6,458	3,792
1l	Development Charge Study	Long-Term Care	2019	1,720	-		1,720	-		1,720	1,084	636
1m	Development Charge Study	Public Health	2019	30	-		30	-		30	19	11
1n	Development Charge Study	Child Care and Early Years	2019	140	-		140	-		140	88	52
1o	Development Charge Study	Housing Services	2019	6,380	-		6,380	-		6,380	4,019	2,361
1p	Development Charge Study	Provincial Offences Act	2019	540	-		540	-		540	340	200
	Sub-Total			730,800	-	-	730,800	-	-	730,800	460,404	270,396
2	Development Charge Study Update											
2a	Development Charge Study Update	Water Services	2021	5,570	-		5,570	-		5,570	3,509	2,061
2b	Development Charge Study Update	Wastewater Services	2021	11,060	-		11,060	-		11,060	6,968	4,092
2c	Development Charge Study Update	Stormwater Drainage and Control Services	2021	8,530	-		8,530	-		8,530	5,374	3,156
2d	Development Charge Study Update	Services Related to a Highway	2021	15,340	-		15,340	-		15,340	9,664	5,676
2e	Development Charge Study Update	Policing Services	2021	630	-		630	-		630	397	233
2f	Development Charge Study Update	Fire Protection Services	2021	560	-		560	-		560	353	207
2g	Development Charge Study Update	Ambulance Services	2021	100	-		100	-		100	63	37
2h	Development Charge Study Update	Transit Services	2021	1,770	-		1,770	-		1,770	1,115	655
2i	Development Charge Study Update	Waste Diversion Services	2021	510	-		510	-		510	321	189
2j	Development Charge Study Update	Parks & Recreation Services	2021	4,620	-		4,620	-		4,620	2,911	1,709
2k	Development Charge Study Update	Library Services	2021	700	-		700	-		700	441	259
2l	Development Charge Study Update	Long-Term Care	2021	120	-		120	-		120	76	44
2m	Development Charge Study Update	Public Health	2021	-	-		-	-		-	-	-
2n	Development Charge Study Update	Child Care and Early Years	2021	10	-		10	-		10	6	4
2o	Development Charge Study Update	Housing Services	2021	440	-		440	-		440	277	163
2p	Development Charge Study Update	Provincial Offences Act	2021	40	-		40	-		40	25	15
	Sub-Total			50,000	-	-	49,998	-	-	50,000	31,500	18,500



Figure 4-6 Continued
City of Hamilton
Growth Studies Capital – Updated

Class of Service: Growth Studies

Prj.No	Increased Service Needs Attributable to Anticipated Development Class of Service	Service to Which Study Relates	Timing (year)	Gross Capital Cost Estimate (2019\$)	Post Period Benefit	Other Deductions*	Net Capital Cost	Less:		Potential D.C. Recoverable Cost		
								Benefit to Existing Development	Grants, Subsidies and Other Contributions Attributable to New Development	Total	Residential Share	Non-Residential Share
2019-2028										63%	37%	
3	Development Charge Study (to 2041)											
3a	Development Charge Study (to 2041)	Water Services	2023	81,470	-		81,470	-		81,470	51,326	30,144
3b	Development Charge Study (to 2041)	Wastewater Services	2023	161,710	-		161,710	-		161,710	101,877	59,833
3c	Development Charge Study (to 2041)	Stormwater Drainage and Control Services	2023	124,710	-		124,710	-		124,710	78,567	46,143
3d	Development Charge Study (to 2041)	Services Related to a Highway	2023	224,230	-		224,230	-		224,230	141,265	82,965
3e	Development Charge Study (to 2041)	Policing Services	2023	9,220	-		9,220	-		9,220	5,809	3,411
3f	Development Charge Study (to 2041)	Fire Protection Services	2023	8,120	-		8,120	-		8,120	5,116	3,004
3g	Development Charge Study (to 2041)	Ambulance Services	2023	1,400	-		1,400	-		1,400	882	518
3h	Development Charge Study (to 2041)	Transit Services	2023	25,880	-		25,880	-		25,880	16,304	9,576
3i	Development Charge Study (to 2041)	Waste Diversion Services	2023	7,480	-		7,480	-		7,480	4,712	2,768
3j	Development Charge Study (to 2041)	Parks & Recreation Services	2023	67,520	-		67,520	-		67,520	42,538	24,982
3k	Development Charge Study (to 2041)	Library Services	2023	10,250	-		10,250	-		10,250	6,458	3,792
3l	Development Charge Study (to 2041)	Long-Term Care	2023	1,720	-		1,720	-		1,720	1,084	636
3m	Development Charge Study (to 2041)	Public Health	2023	30	-		30	-		30	19	11
3n	Development Charge Study (to 2041)	Child Care and Early Years	2023	140	-		140	-		140	88	52
3o	Development Charge Study (to 2041)	Housing Services	2023	6,380	-		6,380	-		6,380	4,019	2,361
3p	Development Charge Study (to 2041)	Provincial Offences Act	2023	540	-		540	-		540	340	200
	Sub-Total			730,800	-	-	730,790	-	-	730,800	460,404	270,396
4	Development Charge Study											
4a	Development Charge Study	Water Services	2028	81,470	-		81,470	-		81,470	51,326	30,144
4b	Development Charge Study	Wastewater Services	2028	161,710	-		161,710	-		161,710	101,877	59,833
4c	Development Charge Study	Stormwater Drainage and Control Services	2028	124,710	-		124,710	-		124,710	78,567	46,143
4d	Development Charge Study	Services Related to a Highway	2028	224,230	-		224,230	-		224,230	141,265	82,965
4e	Development Charge Study	Policing Services	2028	9,220	-		9,220	-		9,220	5,809	3,411
4f	Development Charge Study	Fire Protection Services	2028	8,120	-		8,120	-		8,120	5,116	3,004
4g	Development Charge Study	Ambulance Services	2028	1,400	-		1,400	-		1,400	882	518
4h	Development Charge Study	Transit Services	2028	25,880	-		25,880	-		25,880	16,304	9,576
4i	Development Charge Study	Waste Diversion Services	2028	7,480	-		7,480	-		7,480	4,712	2,768
4j	Development Charge Study	Parks & Recreation Services	2028	67,520	-		67,520	-		67,520	42,538	24,982
4k	Development Charge Study	Library Services	2028	10,250	-		10,250	-		10,250	6,458	3,792
4l	Development Charge Study	Long-Term Care	2028	1,720	-		1,720	-		1,720	1,084	636
4m	Development Charge Study	Public Health	2028	30	-		30	-		30	19	11
4n	Development Charge Study	Child Care and Early Years	2028	140	-		140	-		140	88	52
4o	Development Charge Study	Housing Services	2028	6,380	-		6,380	-		6,380	4,019	2,361
4p	Development Charge Study	Provincial Offences Act	2028	540	-		540	-		540	340	200
	Sub-Total			730,800	-	-	730,790	-	-	730,800	460,404	270,396



Figure 4-6 Continued
City of Hamilton
Growth Studies Capital – Updated

Class of Service: Growth Studies

Prj.No	Increased Service Needs Attributable to Anticipated Development Class of Service	Service to Which Study Relates	Timing (year)	Gross Capital Cost Estimate (2019\$)	Post Period Benefit	Other Deductions*	Net Capital Cost	Less:		Potential D.C. Recoverable Cost		
								Benefit to Existing Development	Grants, Subsidies and Other Contributions Attributable to New Development	Total	Residential Share	Non-Residential Share
	2019-2028										63%	37%
	Water & Wastewater Studies:											
5a	Integrated Water and Wastewater Master Plan	Water Services	2019-2028	750,000	-		750,000	-		750,000	472,500	277,500
5b	Integrated Water and Wastewater Master Plan	Wastewater Services	2019-2028	750,000	-		750,000	-		750,000	472,500	277,500
6a	Water and Sanitary Sewer Models	Water Services	2019-2028	65,000	-		65,000	32,500		32,500	20,475	12,025
6b	Water and Sanitary Sewer Models	Wastewater Services	2019-2028	65,000	-		65,000	32,500		32,500	20,475	12,025
7a	Centennial Secondary Plan - Servicing Study	Water Services	2019-2028	100,000	-		100,000	-		100,000	63,000	37,000
7b	Centennial Secondary Plan - Servicing Study	Wastewater Services	2019-2028	100,000	-		100,000	-		100,000	63,000	37,000
	Transit Studies:											
8	Hamilton West Interregional Transit Terminal Location Study	Transit Services	2019-2022	84,300	-		84,300	75,900		8,400	5,292	3,108
9	Rapid Ready & 10 Year Strategy Review	Transit Services	2019-2028	150,000	-		150,000	75,000		75,000	47,250	27,750
10	James Mountain Road - Transit only Roadway Feasibility Study	Transit Services	2020-2023	112,400	-		112,400	56,200		56,200	35,406	20,794
	Future Transit Hubs and Stations:											
11	SCUBE Transit Terminal Study	Transit Services	2019	242,400	-		242,400	-		242,400	152,712	89,688
	Operations Facilities:											
12	Yards Need Study											
12a	Yards Need Study	Water Services	2025-2028	20,230	-		20,230	-		20,230	12,745	7,485
12b	Yards Need Study	Wastewater Services	2025-2028	40,460	-		40,460	-		40,460	25,490	14,970
12c	Yards Need Study	Stormwater Drainage and Control Services	2025-2028	30,350	-		30,350	-		30,350	19,121	11,229
12d	Yards Need Study	Services Related to a Highway	2025-2028	53,950	-		53,950	-		53,950	33,989	19,961
12e	Yards Need Study	Parks & Recreation Services	2025-2028	16,870	-		16,870	-		16,870	10,628	6,242
12f	Yards Need Study	Transit Services	2025-2028	6,740	-		6,740	-		6,740	4,246	2,494
	Sub-Total			168,600	-	-	168,600	-	-	168,600	106,219	62,381
	Police:											
13	Police - Space Needs Study (GRIDS II)	Policing Services	2019	56,200	-		56,200	-		56,200	35,406	20,794
14	Police Business Plan	Policing Services	2019	32,000	-		32,000	24,000		8,000	5,040	2,960
15	Police Business Plan	Policing Services	2022	32,000	-		32,000	24,000		8,000	5,040	2,960
16	Police Business Plan	Policing Services	2025	32,000	-		32,000	24,000		8,000	5,040	2,960
17	Police Business Plan	Policing Services	2028	32,000	-		32,000	24,000		8,000	5,040	2,960
	Waste Diversion:											
18	Waste Management Research & Development Program	Waste Diversion Services	2019-2023	1,229,100	-	245,820	983,280	882,500		100,780	63,491	37,289
19	Waste Management Research & Development Program	Waste Diversion Services	2024-2028	1,229,100	-	245,820	983,280	882,500		100,780	63,491	37,289
20	Solid Waste Management Master Plan Approvals	Waste Diversion Services	2019-2021	561,000	-	140,250	420,750	63,100		357,650	225,320	132,330
	Library Studies:											
21	Library Master Plan	Library Services	2022	25,000	-		25,000	6,300		18,700	11,781	6,919
22	Service Model Master Plan	Library Services	2020	25,000	-		25,000	6,300		18,700	11,781	6,919



Figure 4-6 Continued
City of Hamilton
Growth Studies Capital – Updated

Class of Service: Growth Studies

Prj.No	Increased Service Needs Attributable to Anticipated Development Class of Service	Service to Which Study Relates	Timing (year)	Gross Capital Cost Estimate (2019\$)	Post Period Benefit	Other Deductions*	Net Capital Cost	Less:		Potential D.C. Recoverable Cost		
								Benefit to Existing Development	Grants, Subsidies and Other Contributions Attributable to New Development	Total	Residential Share	Non-Residential Share
	2019-2028										63%	37%
	Parks:				-							
23	Trails Masterplan Update	Parks & Recreation Services	2021	204,000	-		204,000	51,000		153,000	96,390	56,610
24	Parks Master Plans	Parks & Recreation Services	2019-2023	1,214,200	-		1,214,200	303,600		910,600	573,678	336,922
25	Recreation Studies	Parks & Recreation Services	2019-2023	607,100	-		607,100	151,800		455,300	286,839	168,461
26	Recreation Studies	Parks & Recreation Services	2024-2028	607,100	-		607,100	151,800		455,300	286,839	168,461
27	Official Plan (Urban and Rural) Review											
27a	Official Plan (Urban and Rural) Review	Water Services	2019-2021	222,900	-	22,290	200,610	100,300		100,310	63,195	37,115
27b	Official Plan (Urban and Rural) Review	Wastewater Services	2019-2021	442,500	-	44,250	398,250	199,100		199,150	125,465	73,685
27c	Official Plan (Urban and Rural) Review	Stormwater Drainage and Control Services	2019-2021	341,300	-	34,130	307,170	153,600		153,570	96,749	56,821
27d	Official Plan (Urban and Rural) Review	Services Related to a Highway	2019-2021	613,700	-	61,370	552,330	276,200		276,130	173,962	102,168
27e	Official Plan (Urban and Rural) Review	Policing Services	2019-2021	25,200	-	2,520	22,680	11,300		11,380	7,169	4,211
27f	Official Plan (Urban and Rural) Review	Fire Protection Services	2019-2021	22,200	-	2,220	19,980	10,000		9,980	6,287	3,693
27g	Official Plan (Urban and Rural) Review	Ambulance Services	2019-2021	3,800	-	380	3,420	1,700		1,720	1,084	636
27h	Official Plan (Urban and Rural) Review	Transit Services	2019-2021	70,800	-	7,080	63,720	31,900		31,820	20,047	11,773
27i	Official Plan (Urban and Rural) Review	Waste Diversion Services	2019-2021	20,500	-	2,050	18,450	9,200		9,250	5,828	3,422
27j	Official Plan (Urban and Rural) Review	Parks & Recreation Services	2019-2021	184,800	-	18,480	166,320	83,200		83,120	52,366	30,754
27k	Official Plan (Urban and Rural) Review	Library Services	2019-2021	28,100	-	2,810	25,290	12,600		12,690	7,995	4,695
27l	Official Plan (Urban and Rural) Review	Long-Term Care	2019-2021	4,700	-	470	4,230	2,100		2,130	1,342	788
27m	Official Plan (Urban and Rural) Review	Public Health	2019-2021	100	-	10	90	-		90	57	33
27n	Official Plan (Urban and Rural) Review	Child Care and Early Years	2019-2021	400	-	40	360	200		160	101	59
27o	Official Plan (Urban and Rural) Review	Housing Services	2019-2021	17,500	-	1,750	15,750	7,900		7,850	4,946	2,904
27p	Official Plan (Urban and Rural) Review	Provincial Offences Act	2019-2021	1,500	-	150	1,350	700		650	410	240
	Sub-Total			2,000,000	-	200,000	1,800,000	900,000	-	900,000	567,003	332,997
28	GRIDS/MCR Update											
28a	GRIDS/MCR Update	Water Services	2019-2020	244,600	-	24,460	220,140	-		220,140	138,688	81,452
28b	GRIDS/MCR Update	Wastewater Services	2019-2020	485,700	-	48,570	437,130	-		437,130	275,392	161,738
28c	GRIDS/MCR Update	Stormwater Drainage and Control Services	2019-2020	374,600	-	37,460	337,140	-		337,140	212,398	124,742
28d	GRIDS/MCR Update	Services Related to a Highway	2019-2020	673,500	-	67,350	606,150	-		606,150	381,875	224,275
28e	GRIDS/MCR Update	Policing Services	2019-2020	27,700	-	2,770	24,930	-		24,930	15,706	9,224
28f	GRIDS/MCR Update	Fire Protection Services	2019-2020	24,400	-	2,440	21,960	-		21,960	13,835	8,125
28g	GRIDS/MCR Update	Ambulance Services	2019-2020	4,200	-	420	3,780	-		3,780	2,381	1,399
28h	GRIDS/MCR Update	Transit Services	2019-2020	77,700	-	7,770	69,930	-		69,930	44,056	25,874
28i	GRIDS/MCR Update	Waste Diversion Services	2019-2020	22,500	-	2,250	20,250	-		20,250	12,758	7,492
28j	GRIDS/MCR Update	Parks & Recreation Services	2019-2020	202,800	-	20,280	182,520	-		182,520	114,988	67,532
28k	GRIDS/MCR Update	Library Services	2019-2020	30,800	-	3,080	27,720	-		27,720	17,464	10,256
28l	GRIDS/MCR Update	Long-Term Care	2019-2020	5,200	-	520	4,680	-		4,680	2,948	1,732
28m	GRIDS/MCR Update	Public Health	2019-2020	100	-	10	90	-		90	57	33
28n	GRIDS/MCR Update	Child Care and Early Years	2019-2020	400	-	40	360	-		360	227	133
28o	GRIDS/MCR Update	Housing Services	2019-2020	19,200	-	1,920	17,280	-		17,280	10,886	6,394
28p	GRIDS/MCR Update	Provincial Offences Act	2019-2020	1,600	-	160	1,440	-		1,440	907	533
	Sub-Total			2,195,000	-	219,500	1,975,500	-	-	1,975,500	1,244,566	730,934



Figure 4-6 Continued
City of Hamilton
Growth Studies Capital – Updated

Class of Service: Growth Studies

Prj.No	Increased Service Needs Attributable to Anticipated Development Class of Service	Service to Which Study Relates	Timing (year)	Gross Capital Cost Estimate (2019\$)	Post Period Benefit	Other Deductions*	Net Capital Cost	Less:		Potential D.C. Recoverable Cost		
								Benefit to Existing Development	Grants, Subsidies and Other Contributions Attributable to New Development	Total	Residential Share 63%	Non-Residential Share 37%
2019-2028												
29	Residential Intensification Strategy											
29a	Residential Intensification Strategy	Water Services	2019	18,200	-	1,820	16,380	-	-	16,380	10,319	6,061
29b	Residential Intensification Strategy	Wastewater Services	2019	36,000	-	3,600	32,400	-	-	32,400	20,412	11,988
29c	Residential Intensification Strategy	Stormwater Drainage and Control Services	2019	27,700	-	2,770	24,930	-	-	24,930	15,706	9,224
29d	Residential Intensification Strategy	Services Related to a Highway	2019	50,000	-	5,000	45,000	-	-	45,000	28,350	16,650
29e	Residential Intensification Strategy	Policing Services	2019	2,100	-	210	1,890	-	-	1,890	1,191	699
29f	Residential Intensification Strategy	Fire Protection Services	2019	1,800	-	180	1,620	-	-	1,620	1,021	599
29g	Residential Intensification Strategy	Ambulance Services	2019	300	-	30	270	-	-	270	170	100
29h	Residential Intensification Strategy	Transit Services	2019	5,800	-	580	5,220	-	-	5,220	3,289	1,931
29i	Residential Intensification Strategy	Parks & Recreation Services	2019	15,100	-	1,510	13,590	-	-	13,590	8,562	5,028
	Sub-Total			157,000	-	15,700	141,300	-	-	141,300	89,020	52,280
30	Digital Planning Application Software/Hardware											
30a	Digital Planning Application Software/Hardware	Water Services	2019-2022	16,700	-	1,670	15,030	-	-	15,030	9,469	5,561
30b	Digital Planning Application Software/Hardware	Wastewater Services	2019-2022	33,200	-	3,320	29,880	-	-	29,880	18,824	11,056
30c	Digital Planning Application Software/Hardware	Stormwater Drainage and Control Services	2019-2022	25,600	-	2,560	23,040	-	-	23,040	14,515	8,525
30d	Digital Planning Application Software/Hardware	Services Related to a Highway	2019-2022	46,000	-	4,600	41,400	-	-	41,400	26,082	15,318
30e	Digital Planning Application Software/Hardware	Policing Services	2019-2022	1,900	-	190	1,710	-	-	1,710	1,077	633
30f	Digital Planning Application Software/Hardware	Fire Protection Services	2019-2022	1,700	-	170	1,530	-	-	1,530	964	566
30g	Digital Planning Application Software/Hardware	Ambulance Services	2019-2022	300	-	30	270	-	-	270	170	100
30h	Digital Planning Application Software/Hardware	Transit Services	2019-2022	5,300	-	530	4,770	-	-	4,770	3,005	1,765
30i	Digital Planning Application Software/Hardware	Waste Diversion Services	2019-2022	1,500	-	150	1,350	-	-	1,350	851	499
30j	Digital Planning Application Software/Hardware	Parks & Recreation Services	2019-2022	13,900	-	1,390	12,510	-	-	12,510	7,881	4,629
30k	Digital Planning Application Software/Hardware	Library Services	2019-2022	2,100	-	210	1,890	-	-	1,890	1,191	699
30l	Digital Planning Application Software/Hardware	Long-Term Care	2019-2022	400	-	40	360	-	-	360	227	133
30m	Digital Planning Application Software/Hardware	Public Health	2019-2022	-	-	-	-	-	-	-	-	-
30n	Digital Planning Application Software/Hardware	Child Care and Early Years	2019-2022	-	-	-	-	-	-	-	-	-
30o	Digital Planning Application Software/Hardware	Housing Services	2019-2022	1,300	-	130	1,170	-	-	1,170	737	433
30p	Digital Planning Application Software/Hardware	Provincial Offences Act	2019-2022	100	-	10	90	-	-	90	57	33
	Sub-Total			150,000	-	15,000	135,000	-	-	135,000	85,050	49,950
31	Planning and Zoning Growth Area											
31a	Planning and Zoning Growth Area	Water Services	2019-2022	135,500	-	13,550	121,950	-	-	121,950	76,829	45,121
31b	Planning and Zoning Growth Area	Wastewater Services	2019-2022	268,900	-	26,890	242,010	-	-	242,010	152,466	89,544
31c	Planning and Zoning Growth Area	Stormwater Drainage and Control Services	2019-2022	207,400	-	20,740	186,660	-	-	186,660	117,596	69,064
31d	Planning and Zoning Growth Area	Services Related to a Highway	2019-2022	372,800	-	37,280	335,520	-	-	335,520	211,378	124,142
31e	Planning and Zoning Growth Area	Policing Services	2019-2022	15,300	-	1,530	13,770	-	-	13,770	8,675	5,095
31f	Planning and Zoning Growth Area	Fire Protection Services	2019-2022	13,500	-	1,350	12,150	-	-	12,150	7,655	4,495
31g	Planning and Zoning Growth Area	Ambulance Services	2019-2022	2,300	-	230	2,070	-	-	2,070	1,304	766
31h	Planning and Zoning Growth Area	Transit Services	2019-2022	43,000	-	4,300	38,700	-	-	38,700	24,381	14,319
31i	Planning and Zoning Growth Area	Waste Diversion Services	2019-2022	12,400	-	1,240	11,160	-	-	11,160	7,031	4,129
31j	Planning and Zoning Growth Area	Parks & Recreation Services	2019-2022	112,300	-	11,230	101,070	-	-	101,070	63,674	37,396
31k	Planning and Zoning Growth Area	Library Services	2019-2022	17,000	-	1,700	15,300	-	-	15,300	9,639	5,661
31l	Planning and Zoning Growth Area	Long-Term Care	2019-2022	2,900	-	290	2,610	-	-	2,610	1,644	966
31m	Planning and Zoning Growth Area	Public Health	2019-2022	-	-	-	-	-	-	-	-	-
31n	Planning and Zoning Growth Area	Child Care and Early Years	2019-2022	200	-	20	180	-	-	180	113	67
31o	Planning and Zoning Growth Area	Housing Services	2019-2022	10,600	-	1,060	9,540	-	-	9,540	6,010	3,530
31p	Planning and Zoning Growth Area	Provincial Offences Act	2019-2022	900	-	90	810	-	-	810	510	300
	Sub-Total			1,215,000	-	121,500	1,093,500	-	-	1,093,500	688,905	404,595



Figure 4-6 Continued
City of Hamilton
Growth Studies Capital – Updated

Class of Service: Growth Studies

Prj.No	Increased Service Needs Attributable to Anticipated Development Class of Service	Service to Which Study Relates	Timing (year)	Gross Capital Cost Estimate (2019\$)	Post Period Benefit	Other Deductions*	Net Capital Cost	Less:		Potential D.C. Recoverable Cost		
								Benefit to Existing Development	Grants, Subsidies and Other Contributions Attributable to New Development	Total	Residential Share	Non-Residential Share
2019-2028											63%	37%
Secondary Plans and Strategies - Nodes and Corridors:								-				
Sub-Regional Nodes:												
32	- Eastgate/Centennial Node											
32a	- Eastgate/Centennial Node	Water Services	2019-2020	35,700	-	3,570	32,130	21,420		10,710	6,747	3,963
32b	- Eastgate/Centennial Node	Wastewater Services	2019-2020	70,900	-	7,090	63,810	42,540		21,270	13,400	7,870
32c	- Eastgate/Centennial Node	Stormwater Drainage and Control Services	2019-2020	54,700	-	5,470	49,230	32,820		16,410	10,338	6,072
32d	- Eastgate/Centennial Node	Services Related to a Highway	2019-2020	98,300	-	9,830	88,470	58,980		29,490	18,579	10,911
32e	- Eastgate/Centennial Node	Policing Services	2019-2020	4,000	-	400	3,600	2,400		1,200	756	444
32f	- Eastgate/Centennial Node	Fire Protection Services	2019-2020	3,600	-	360	3,240	2,160		1,080	680	400
32g	- Eastgate/Centennial Node	Ambulance Services	2019-2020	600	-	60	540	360		180	113	67
32h	- Eastgate/Centennial Node	Transit Services	2019-2020	11,300	-	1,130	10,170	6,780		3,390	2,136	1,254
32i	- Eastgate/Centennial Node	Waste Diversion Services	2019-2020	3,300	-	330	2,970	1,980		990	624	366
32j	- Eastgate/Centennial Node	Parks & Recreation Services	2019-2020	29,600	-	2,960	26,640	17,760		8,880	5,594	3,286
32k	- Eastgate/Centennial Node	Library Services	2019-2020	4,500	-	450	4,050	2,700		1,350	851	499
32l	- Eastgate/Centennial Node	Long-Term Care	2019-2020	800	-	80	720	480		240	151	89
32m	- Eastgate/Centennial Node	Public Health	2019-2020	-	-	-	-	-		-	-	-
32n	- Eastgate/Centennial Node	Child Care and Early Years	2019-2020	100	-	10	90	60		30	19	11
32o	- Eastgate/Centennial Node	Housing Services	2019-2020	2,800	-	280	2,520	1,680		840	529	311
32p	- Eastgate/Centennial Node	Provincial Offences Act	2019-2020	200	-	20	180	-		180	113	67
	Sub-Total			320,400	-	32,040	288,360	192,200	-	96,160	60,581	35,579
33	- Limeridge Node											
33a	- Limeridge Node	Water Services	2019-2020	35,700	-	3,570	32,130	21,420		10,710	6,747	3,963
33b	- Limeridge Node	Wastewater Services	2019-2020	70,900	-	7,090	63,810	42,540		21,270	13,400	7,870
33c	- Limeridge Node	Stormwater Drainage and Control Services	2019-2020	54,700	-	5,470	49,230	32,820		16,410	10,338	6,072
33d	- Limeridge Node	Services Related to a Highway	2019-2020	98,300	-	9,830	88,470	58,980		29,490	18,579	10,911
33e	- Limeridge Node	Policing Services	2019-2020	4,000	-	400	3,600	2,400		1,200	756	444
33f	- Limeridge Node	Fire Protection Services	2019-2020	3,600	-	360	3,240	2,160		1,080	680	400
33g	- Limeridge Node	Ambulance Services	2019-2020	600	-	60	540	360		180	113	67
33h	- Limeridge Node	Transit Services	2019-2020	11,300	-	1,130	10,170	6,780		3,390	2,136	1,254
33i	- Limeridge Node	Waste Diversion Services	2019-2020	3,300	-	330	2,970	1,980		990	624	366
33j	- Limeridge Node	Parks & Recreation Services	2019-2020	29,600	-	2,960	26,640	17,760		8,880	5,594	3,286
33k	- Limeridge Node	Library Services	2019-2020	4,500	-	450	4,050	2,700		1,350	851	499
33l	- Limeridge Node	Long-Term Care	2019-2020	800	-	80	720	480		240	151	89
33m	- Limeridge Node	Public Health	2019-2020	-	-	-	-	-		-	-	-
33n	- Limeridge Node	Child Care and Early Years	2019-2020	100	-	10	90	60		30	19	11
33o	- Limeridge Node	Housing Services	2019-2020	2,800	-	280	2,520	1,680		840	529	311
33p	- Limeridge Node	Provincial Offences Act	2019-2020	200	-	20	180	-		180	113	67
	Sub-Total			320,400	-	32,040	288,360	192,120	-	96,240	60,630	35,610



Figure 4-6 Continued
City of Hamilton
Growth Studies Capital – Updated

Class of Service: Growth Studies

Prj.No	Increased Service Needs Attributable to Anticipated Development Class of Service	Service to Which Study Relates	Timing (year)	Gross Capital Cost Estimate (2019\$)	Post Period Benefit	Other Deductions*	Net Capital Cost	Less:		Potential D.C. Recoverable Cost		
								Benefit to Existing Development	Grants, Subsidies and Other Contributions Attributable to New Development	Total	Residential Share	Non-Residential Share
	2019-2028										63%	37%
Secondary Plans and Strategies - Nodes and Corridors:												
Sub-Regional Nodes:												
Corridors:												
34	- Main/King Corridor (B-Line)											
34a	- Main/King Corridor (B-Line)	Water Services	2019-2022	33,900	-	3,390	30,510	20,340		10,170	6,407	3,763
34b	- Main/King Corridor (B-Line)	Wastewater Services	2019-2022	67,400	-	6,740	60,660	40,440		20,220	12,739	7,481
34c	- Main/King Corridor (B-Line)	Stormwater Drainage and Control Services	2019-2022	52,000	-	5,200	46,800	31,200		15,600	9,828	5,772
34d	- Main/King Corridor (B-Line)	Services Related to a Highway	2019-2022	93,500	-	9,350	84,150	56,100		28,050	17,672	10,378
34e	- Main/King Corridor (B-Line)	Policing Services	2019-2022	3,800	-	380	3,420	2,280		1,140	718	422
34f	- Main/King Corridor (B-Line)	Fire Protection Services	2019-2022	3,400	-	340	3,060	2,040		1,020	643	377
34g	- Main/King Corridor (B-Line)	Ambulance Services	2019-2022	600	-	60	540	360		180	113	67
34h	- Main/King Corridor (B-Line)	Transit Services	2019-2022	10,800	-	1,080	9,720	6,480		3,240	2,041	1,199
34i	- Main/King Corridor (B-Line)	Waste Diversion Services	2019-2022	3,100	-	310	2,790	1,860		930	586	344
34j	- Main/King Corridor (B-Line)	Parks & Recreation Services	2019-2022	28,200	-	2,820	25,380	16,920		8,460	5,330	3,130
34k	- Main/King Corridor (B-Line)	Library Services	2019-2022	4,300	-	430	3,870	2,580		1,290	813	477
34l	- Main/King Corridor (B-Line)	Long-Term Care	2019-2022	700	-	70	630	420		210	132	78
34m	- Main/King Corridor (B-Line)	Public Health	2019-2022	-	-	-	-	-		-	-	-
34n	- Main/King Corridor (B-Line)	Child Care and Early Years	2019-2022	100	-	10	90	60		30	19	11
34o	- Main/King Corridor (B-Line)	Housing Services	2019-2022	2,700	-	270	2,430	1,620		810	510	300
34p	- Main/King Corridor (B-Line)	Provincial Offences Act	2019-2022	200	-	20	180			180	113	67
	Sub-Total			304,700	-	30,470	274,230	182,700	-	91,530	57,664	33,866
35	- James/Upper James Corridor (A-Line)											
35a	- James/Upper James Corridor (A-Line)	Water Services	2019-2022	35,700	-	3,570	32,130	21,420		10,710	6,747	3,963
35b	- James/Upper James Corridor (A-Line)	Wastewater Services	2019-2022	70,900	-	7,090	63,810	42,540		21,270	13,400	7,870
35c	- James/Upper James Corridor (A-Line)	Stormwater Drainage and Control Services	2019-2022	54,700	-	5,470	49,230	32,820		16,410	10,338	6,072
35d	- James/Upper James Corridor (A-Line)	Services Related to a Highway	2019-2022	98,300	-	9,830	88,470	58,980		29,490	18,579	10,911
35e	- James/Upper James Corridor (A-Line)	Policing Services	2019-2022	4,000	-	400	3,600	2,400		1,200	756	444
35f	- James/Upper James Corridor (A-Line)	Fire Protection Services	2019-2022	3,600	-	360	3,240	2,160		1,080	680	400
35g	- James/Upper James Corridor (A-Line)	Ambulance Services	2019-2022	600	-	60	540	360		180	113	67
35h	- James/Upper James Corridor (A-Line)	Transit Services	2019-2022	11,300	-	1,130	10,170	6,780		3,390	2,136	1,254
35i	- James/Upper James Corridor (A-Line)	Waste Diversion Services	2019-2022	3,300	-	330	2,970	1,980		990	624	366
35j	- James/Upper James Corridor (A-Line)	Parks & Recreation Services	2019-2022	29,600	-	2,960	26,640	17,760		8,880	5,594	3,286
35k	- James/Upper James Corridor (A-Line)	Library Services	2019-2022	4,500	-	450	4,050	2,700		1,350	851	499
35l	- James/Upper James Corridor (A-Line)	Long-Term Care	2019-2022	800	-	80	720	480		240	151	89
35m	- James/Upper James Corridor (A-Line)	Public Health	2019-2022	-	-	-	-	-		-	-	-
35n	- James/Upper James Corridor (A-Line)	Child Care and Early Years	2019-2022	100	-	10	90	60		30	19	11
35o	- James/Upper James Corridor (A-Line)	Housing Services	2019-2022	2,800	-	280	2,520	1,680		840	529	311
35p	- James/Upper James Corridor (A-Line)	Provincial Offences Act	2019-2022	200	-	20	180			180	113	67
	Sub-Total			320,400	-	32,040	288,360	192,120	-	96,240	60,630	35,610



Figure 4-6 Continued
City of Hamilton
Growth Studies Capital – Updated

Class of Service: Growth Studies

Prj.No	Increased Service Needs Attributable to Anticipated Development Class of Service	Service to Which Study Relates	Timing (year)	Gross Capital Cost Estimate (2019\$)	Post Period Benefit	Other Deductions*	Net Capital Cost	Less:		Potential D.C. Recoverable Cost				
								Benefit to Existing Development	Grants, Subsidies and Other Contributions Attributable to New Development	Total	Residential Share 63%	Non-Residential Share 37%		
2019-2028														
Secondary Plans and Strategies - Nodes and Corridors:														
Community Nodes:														
36	- Waterdown Node													
36a	- Waterdown Node	Water Services	2019-2021	31,400	-	3,140	28,260	23,550		4,710	2,967	1,743		
36b	- Waterdown Node	Wastewater Services	2019-2021	62,300	-	6,230	56,070	46,730		9,340	5,884	3,456		
36c	- Waterdown Node	Stormwater Drainage and Control Services	2019-2021	48,200	-	4,820	43,380	36,150		7,230	4,555	2,675		
36d	- Waterdown Node	Services Related to a Highway	2019-2021	86,600	-	8,660	77,940	64,950		12,990	8,184	4,806		
36e	- Waterdown Node	Policing Services	2019-2021	3,600	-	360	3,240	2,700		540	340	200		
36f	- Waterdown Node	Fire Protection Services	2019-2021	3,100	-	310	2,790	2,330		460	290	170		
36g	- Waterdown Node	Ambulance Services	2019-2021	500	-	50	450	380		70	44	26		
36h	- Waterdown Node	Transit Services	2019-2021	10,000	-	1,000	9,000	7,500		1,500	945	555		
36i	- Waterdown Node	Waste Diversion Services	2019-2021	2,900	-	290	2,610	2,180		430	271	159		
36j	- Waterdown Node	Parks & Recreation Services	2019-2021	26,100	-	2,610	23,490	19,580		3,910	2,463	1,447		
36k	- Waterdown Node	Library Services	2019-2021	4,000	-	400	3,600	3,000		600	378	222		
36l	- Waterdown Node	Long-Term Care	2019-2021	700	-	70	630	530		100	63	37		
36m	- Waterdown Node	Public Health	2019-2021	-	-	-	-	-		-	-	-		
36n	- Waterdown Node	Child Care and Early Years	2019-2021	100	-	10	90	80		10	6	4		
36o	- Waterdown Node	Housing Services	2019-2021	2,500	-	250	2,250	1,880		370	233	137		
36p	- Waterdown Node	Provincial Offences Act	2019-2021	200	-	20	180	-		180	113	67		
	Sub-Total			282,200	-	28,220	253,980	211,540	-	42,440	26,736	15,704		
37	- Centre Mall Node													
37a	- Centre Mall Node	Water Services	2021-2022	31,400	-	3,140	28,260	21,980		6,280	3,956	2,324		
37b	- Centre Mall Node	Wastewater Services	2021-2022	62,300	-	6,230	56,070	43,610		12,460	7,850	4,610		
37c	- Centre Mall Node	Stormwater Drainage and Control Services	2021-2022	48,200	-	4,820	43,380	33,740		9,640	6,073	3,567		
37d	- Centre Mall Node	Services Related to a Highway	2021-2022	86,600	-	8,660	77,940	60,620		17,320	10,912	6,408		
37e	- Centre Mall Node	Policing Services	2021-2022	3,600	-	360	3,240	2,520		720	454	266		
37f	- Centre Mall Node	Fire Protection Services	2021-2022	3,100	-	310	2,790	2,170		620	391	229		
37g	- Centre Mall Node	Ambulance Services	2021-2022	500	-	50	450	350		100	63	37		
37h	- Centre Mall Node	Transit Services	2021-2022	10,000	-	1,000	9,000	7,000		2,000	1,260	740		
37i	- Centre Mall Node	Waste Diversion Services	2021-2022	2,900	-	290	2,610	2,030		580	365	215		
37j	- Centre Mall Node	Parks & Recreation Services	2021-2022	26,100	-	2,610	23,490	18,270		5,220	3,289	1,931		
37k	- Centre Mall Node	Library Services	2021-2022	4,000	-	400	3,600	2,800		800	504	296		
37l	- Centre Mall Node	Long-Term Care	2021-2022	700	-	70	630	490		140	88	52		
37m	- Centre Mall Node	Public Health	2021-2022	-	-	-	-	-		-	-	-		
37n	- Centre Mall Node	Child Care and Early Years	2021-2022	100	-	10	90	70		20	13	7		
37o	- Centre Mall Node	Housing Services	2021-2022	2,500	-	250	2,250	1,750		500	315	185		
37p	- Centre Mall Node	Provincial Offences Act	2021-2022	200	-	20	180	-		180	113	67		
	Sub-Total			282,200	-	28,220	253,980	197,400	-	56,580	35,646	20,934		



Figure 4-6 Continued
City of Hamilton
Growth Studies Capital – Updated

Class of Service: Growth Studies

Prj.No	Increased Service Needs Attributable to Anticipated Development Class of Service	Service to Which Study Relates	Timing (year)	Gross Capital Cost Estimate (2019\$)	Post Period Benefit	Other Deductions*	Net Capital Cost	Less:		Potential D.C. Recoverable Cost		
								Benefit to Existing Development	Grants, Subsidies and Other Contributions Attributable to New Development	Total	Residential Share 63%	Non-Residential Share 37%
38	- Dundas Node											
38a	- Dundas Node	Water Services	2019-2020	31,400	-	3,140	28,260	18,840		9,420	5,935	3,485
38b	- Dundas Node	Wastewater Services	2019-2020	62,300	-	6,230	56,070	37,380		18,690	11,775	6,915
38c	- Dundas Node	Stormwater Drainage and Control Services	2019-2020	48,200	-	4,820	43,380	28,920		14,460	9,110	5,350
38d	- Dundas Node	Services Related to a Highway	2019-2020	86,600	-	8,660	77,940	51,960		25,980	16,367	9,613
38e	- Dundas Node	Policing Services	2019-2020	3,600	-	360	3,240	2,160		1,080	680	400
38f	- Dundas Node	Fire Protection Services	2019-2020	3,100	-	310	2,790	1,860		930	586	344
38g	- Dundas Node	Ambulance Services	2019-2020	500	-	50	450	300		150	95	55
38h	- Dundas Node	Transit Services	2019-2020	10,000	-	1,000	9,000	6,000		3,000	1,890	1,110
38i	- Dundas Node	Waste Diversion Services	2019-2020	2,900	-	290	2,610	1,740		870	548	322
38j	- Dundas Node	Parks & Recreation Services	2019-2020	26,100	-	2,610	23,490	15,660		7,830	4,933	2,897
38k	- Dundas Node	Library Services	2019-2020	4,000	-	400	3,600	2,400		1,200	756	444
38l	- Dundas Node	Long-Term Care	2019-2020	700	-	70	630	420		210	132	78
38m	- Dundas Node	Public Health	2019-2020	-	-	-	-	-		-	-	-
38n	- Dundas Node	Child Care and Early Years	2019-2020	100	-	10	90	60		30	19	11
38o	- Dundas Node	Housing Services	2019-2020	2,500	-	250	2,250	1,500		750	473	277
38p	- Dundas Node	Provincial Offences Act	2019-2020	200	-	20	180	-		180	113	67
	Sub-Total			282,200	-	28,220	253,980	169,200	-	84,780	53,412	31,368
39	- Stoney Creek Node											
39a	- Stoney Creek Node	Water Services	2020-2021	34,000	-	3,400	30,600	20,400		10,200	6,426	3,774
39b	- Stoney Creek Node	Wastewater Services	2020-2021	67,400	-	6,740	60,660	40,440		20,220	12,739	7,481
39c	- Stoney Creek Node	Stormwater Drainage and Control Services	2020-2021	52,000	-	5,200	46,800	31,200		15,600	9,828	5,772
39d	- Stoney Creek Node	Services Related to a Highway	2020-2021	93,500	-	9,350	84,150	56,100		28,050	17,672	10,378
39e	- Stoney Creek Node	Policing Services	2020-2021	3,800	-	380	3,420	2,280		1,140	718	422
39f	- Stoney Creek Node	Fire Protection Services	2020-2021	3,400	-	340	3,060	2,040		1,020	643	377
39g	- Stoney Creek Node	Ambulance Services	2020-2021	600	-	60	540	360		180	113	67
39h	- Stoney Creek Node	Transit Services	2020-2021	10,800	-	1,080	9,720	6,480		3,240	2,041	1,199
39i	- Stoney Creek Node	Waste Diversion Services	2020-2021	3,100	-	310	2,790	1,860		930	586	344
39j	- Stoney Creek Node	Parks & Recreation Services	2020-2021	28,200	-	2,820	25,380	16,920		8,460	5,330	3,130
39k	- Stoney Creek Node	Library Services	2020-2021	4,300	-	430	3,870	2,580		1,290	813	477
39l	- Stoney Creek Node	Long-Term Care	2020-2021	700	-	70	630	420		210	132	78
39m	- Stoney Creek Node	Public Health	2020-2021	-	-	-	-	-		-	-	-
39n	- Stoney Creek Node	Child Care and Early Years	2020-2021	100	-	10	90	60		30	19	11
39o	- Stoney Creek Node	Housing Services	2020-2021	2,600	-	260	2,340	1,560		780	491	289
39p	- Stoney Creek Node	Provincial Offences Act	2020-2021	200	-	20	180	-		180	113	67
	Sub-Total			304,700	-	30,470	274,230	182,700	-	91,530	57,664	33,866



Figure 4-6 Continued
City of Hamilton
Growth Studies Capital – Updated

Class of Service: Growth Studies

Prj.No	Increased Service Needs Attributable to Anticipated Development Class of Service	Service to Which Study Relates	Timing (year)	Gross Capital Cost Estimate (2019\$)	Post Period Benefit	Other Deductions*	Net Capital Cost	Less:		Potential D.C. Recoverable Cost		
								Benefit to Existing Development	Grants, Subsidies and Other Contributions Attributable to New Development	Total	Residential Share	Non-Residential Share
2019-2028										63%	37%	
40	Community Planning Studies - Durand Neighbourhood											
40a	Community Planning Studies - Durand Neighbourhood	Water Services	2019-2021	16,700	-	1,670	15,030	4,180		10,850	6,836	4,014
40b	Community Planning Studies - Durand Neighbourhood	Wastewater Services	2019-2021	33,200	-	3,320	29,880	8,300		21,580	13,595	7,985
40c	Community Planning Studies - Durand Neighbourhood	Stormwater Drainage and Control Services	2019-2021	25,600	-	2,560	23,040	6,400		16,640	10,483	6,157
40d	Community Planning Studies - Durand Neighbourhood	Services Related to a Highway	2019-2021	46,000	-	4,600	41,400	11,500		29,900	18,837	11,063
40e	Community Planning Studies - Durand Neighbourhood	Policing Services	2019-2021	1,900	-	190	1,710	480		1,230	775	455
40f	Community Planning Studies - Durand Neighbourhood	Fire Protection Services	2019-2021	1,700	-	170	1,530	430		1,100	693	407
40g	Community Planning Studies - Durand Neighbourhood	Ambulance Services	2019-2021	300	-	30	270	80		190	120	70
40h	Community Planning Studies - Durand Neighbourhood	Transit Services	2019-2021	5,300	-	530	4,770	1,330		3,440	2,167	1,273
40i	Community Planning Studies - Durand Neighbourhood	Waste Diversion Services	2019-2021	1,500	-	150	1,350	380		970	611	359
40j	Community Planning Studies - Durand Neighbourhood	Parks & Recreation Services	2019-2021	13,900	-	1,390	12,510	3,480		9,030	5,689	3,341
40k	Community Planning Studies - Durand Neighbourhood	Library Services	2019-2021	2,100	-	210	1,890	530		1,360	857	503
40l	Community Planning Studies - Durand Neighbourhood	Long-Term Care	2019-2021	400	-	40	360	100		260	164	96
40m	Community Planning Studies - Durand Neighbourhood	Public Health	2019-2021	-	-	-	-	-		-	-	-
40n	Community Planning Studies - Durand Neighbourhood	Child Care and Early Years	2019-2021	-	-	-	-	-		-	-	-
40o	Community Planning Studies - Durand Neighbourhood	Housing Services	2019-2021	1,300	-	130	1,170	330		840	529	311
40p	Community Planning Studies - Durand Neighbourhood	Provincial Offences Act	2019-2021	100	-	10	90	-		90	57	33
	Sub-Total			150,000	-	15,000	135,000	37,520	-	97,480	61,413	36,067
41	East of Downtown Secondary Plan											
41a	East of Downtown Secondary Plan	Water Services	2024-2025	35,700	-	3,570	32,130	-		32,130	20,242	11,888
41b	East of Downtown Secondary Plan	Wastewater Services	2024-2025	70,900	-	7,090	63,810	-		63,810	40,200	23,610
41c	East of Downtown Secondary Plan	Stormwater Drainage and Control Services	2024-2025	54,700	-	5,470	49,230	-		49,230	31,015	18,215
41d	East of Downtown Secondary Plan	Services Related to a Highway	2024-2025	98,300	-	9,830	88,470	-		88,470	55,736	32,734
41e	East of Downtown Secondary Plan	Policing Services	2024-2025	4,000	-	400	3,600	-		3,600	2,268	1,332
41f	East of Downtown Secondary Plan	Fire Protection Services	2024-2025	3,600	-	360	3,240	-		3,240	2,041	1,199
41g	East of Downtown Secondary Plan	Ambulance Services	2024-2025	600	-	60	540	-		540	340	200
41h	East of Downtown Secondary Plan	Transit Services	2024-2025	11,300	-	1,130	10,170	-		10,170	6,407	3,763
41i	East of Downtown Secondary Plan	Waste Diversion Services	2024-2025	3,300	-	330	2,970	-		2,970	1,871	1,099
41j	East of Downtown Secondary Plan	Parks & Recreation Services	2024-2025	29,600	-	2,960	26,640	-		26,640	16,783	9,857
41k	East of Downtown Secondary Plan	Library Services	2024-2025	4,500	-	450	4,050	-		4,050	2,552	1,498
41l	East of Downtown Secondary Plan	Long-Term Care	2024-2025	800	-	80	720	-		720	454	266
41m	East of Downtown Secondary Plan	Public Health	2024-2025	-	-	-	-	-		-	-	-
41n	East of Downtown Secondary Plan	Child Care and Early Years	2024-2025	100	-	10	90	-		90	57	33
41o	East of Downtown Secondary Plan	Housing Services	2024-2025	2,800	-	280	2,520	-		2,520	1,588	932
41p	East of Downtown Secondary Plan	Provincial Offences Act	2024-2025	200	-	20	180	-		180	113	67
	Sub-Total			320,400	-	32,040	288,360	-	-	288,360	181,667	106,693



Figure 4-6 Continued
City of Hamilton
Growth Studies Capital – Updated

Class of Service: Growth Studies

Prj.No	Increased Service Needs Attributable to Anticipated Development Class of Service	Service to Which Study Relates	Timing (year)	Gross Capital Cost Estimate (2019\$)	Post Period Benefit	Other Deductions*	Net Capital Cost	Less:		Potential D.C. Recoverable Cost		
								Benefit to Existing Development	Grants, Subsidies and Other Contributions Attributable to New Development	Total	Residential Share	Non-Residential Share
										63%	37%	
2019-2028												
42	Elfrida Urban Boundary Expansion & Secondary Plan											
42a	Elfrida Urban Boundary Expansion & Secondary Plan	Water Services	2019-2021	175,900	-	17,590	158,310	-		158,310	99,735	58,575
42b	Elfrida Urban Boundary Expansion & Secondary Plan	Wastewater Services	2019-2021	349,000	-	34,900	314,100	-		314,100	197,883	116,217
42c	Elfrida Urban Boundary Expansion & Secondary Plan	Stormwater Drainage and Control Services	2019-2021	269,100	-	26,910	242,190	-		242,190	152,580	89,610
42d	Elfrida Urban Boundary Expansion & Secondary Plan	Services Related to a Highway	2019-2021	484,000	-	48,400	435,600	-		435,600	274,428	161,172
42e	Elfrida Urban Boundary Expansion & Secondary Plan	Policing Services	2019-2021	19,900	-	1,990	17,910	-		17,910	11,283	6,627
42f	Elfrida Urban Boundary Expansion & Secondary Plan	Fire Protection Services	2019-2021	17,500	-	1,750	15,750	-		15,750	9,923	5,827
42g	Elfrida Urban Boundary Expansion & Secondary Plan	Ambulance Services	2019-2021	3,000	-	300	2,700	-		2,700	1,701	999
42h	Elfrida Urban Boundary Expansion & Secondary Plan	Transit Services	2019-2021	55,900	-	5,590	50,310	-		50,310	31,695	18,615
42i	Elfrida Urban Boundary Expansion & Secondary Plan	Waste Diversion Services	2019-2021	16,200	-	1,620	14,580	-		14,580	9,185	5,395
42j	Elfrida Urban Boundary Expansion & Secondary Plan	Parks & Recreation Services	2019-2021	145,800	-	14,580	131,220	-		131,220	82,669	48,551
42k	Elfrida Urban Boundary Expansion & Secondary Plan	Library Services	2019-2021	22,100	-	2,210	19,890	-		19,890	12,531	7,359
42l	Elfrida Urban Boundary Expansion & Secondary Plan	Long-Term Care	2019-2021	3,700	-	370	3,330	-		3,330	2,098	1,232
42m	Elfrida Urban Boundary Expansion & Secondary Plan	Public Health	2019-2021	100	-	10	90	-		90	57	33
42n	Elfrida Urban Boundary Expansion & Secondary Plan	Child Care and Early Years	2019-2021	300	-	30	270	-		270	170	100
42o	Elfrida Urban Boundary Expansion & Secondary Plan	Housing Services	2019-2021	13,800	-	1,380	12,420	-		12,420	7,825	4,595
42p	Elfrida Urban Boundary Expansion & Secondary Plan	Provincial Offences Act	2019-2021	1,200	-	120	1,080	-		1,080	680	400
	Sub-Total			1,577,500	-	157,750	1,419,750	-	-	1,419,750	894,443	525,307
43	Community Energy Plan											
43a	Community Energy Plan	Water Services	2019-2021	11,200	-	1,120	10,080	5,600		4,480	2,822	1,658
43b	Community Energy Plan	Wastewater Services	2019-2021	22,100	-	2,210	19,890	11,100		8,790	5,538	3,252
43c	Community Energy Plan	Stormwater Drainage and Control Services	2019-2021	17,100	-	1,710	15,390	8,600		6,790	4,278	2,512
43d	Community Energy Plan	Services Related to a Highway	2019-2021	30,700	-	3,070	27,630	15,400		12,230	7,705	4,525
43e	Community Energy Plan	Policing Services	2019-2021	1,300	-	130	1,170	700		470	296	174
43f	Community Energy Plan	Fire Protection Services	2019-2021	1,100	-	110	990	600		390	246	144
43g	Community Energy Plan	Ambulance Services	2019-2021	200	-	20	180	100		80	50	30
43h	Community Energy Plan	Transit Services	2019-2021	3,500	-	350	3,150	1,800		1,350	851	499
43i	Community Energy Plan	Waste Diversion Services	2019-2021	1,000	-	100	900	500		400	252	148
43j	Community Energy Plan	Parks & Recreation Services	2019-2021	9,200	-	920	8,280	4,600		3,680	2,318	1,362
43k	Community Energy Plan	Library Services	2019-2021	1,400	-	140	1,260	700		560	353	207
43l	Community Energy Plan	Long-Term Care	2019-2021	200	-	20	180	100		80	50	30
43m	Community Energy Plan	Public Health	2019-2021	-	-	-	-	-		-	-	-
43n	Community Energy Plan	Child Care and Early Years	2019-2021	-	-	-	-	-		-	-	-
43o	Community Energy Plan	Housing Services	2019-2021	900	-	90	810	500		310	195	115
43p	Community Energy Plan	Provincial Offences Act	2019-2021	100	-	10	90	-		90	57	33
	Sub-Total			100,000	-	10,000	90,000	50,300	-	39,700	25,011	14,689
	Community Services:											
44	Long Term Care Services Needs Study	Long-Term Care	2027	242,800	-		242,800	121,400		121,400	76,482	44,918
45	Child Care Service Plan	Child Care and Early Years	2020-2025	84,300	-		84,300	42,200		42,100	26,523	15,577
46	Human Services Plan - Housing Affordability Study	Housing Services	2020-2025	45,000	-		45,000	11,300		33,700	21,231	12,469
47	Affordable Housing - Residential Pre-zoning & Underutilized Site Mapping	Housing Services	2020-2025	89,900	-		89,900	22,500		67,400	42,462	24,938
48	City Housing Hamilton Energy Investment Study	Housing Services	2020-2025	393,500	-		393,500	295,100		98,400	61,992	36,408



Figure 4-6 Continued
City of Hamilton
Growth Studies Capital – Updated

Class of Service: Growth Studies

Prj.No	Increased Service Needs Attributable to Anticipated Development Class of Service	Service to Which Study Relates	Timing (year)	Gross Capital Cost Estimate (2019\$)	Post Period Benefit	Other Deductions*	Net Capital Cost	Less:		Potential D.C. Recoverable Cost		
								Benefit to Existing Development	Grants, Subsidies and Other Contributions Attributable to New Development	Total	Residential Share	Non-Residential Share
	2019-2028										63%	37%
	Paramedics:				-							
49	Paramedics - Space Needs Study	Ambulance Services	2023	112,400	-		112,400	28,100		84,300	53,109	31,191
50	Paramedics - Space Needs Study	Ambulance Services	2028	112,400	-		112,400	-		112,400	70,812	41,588
	Outstanding Debt and Reserve Fund Adjustment											
51	Outstanding Debt Principal	N/A	2019-2023	198,550	-		198,550	-		198,550	125,086	73,464
52	Outstanding Debt Interest (Discounted)	N/A	2019-2023	36,884	-		36,884	-		36,884	23,237	13,647
53	Reserve Fund Adjustment	N/A		1,299,988	-		1,299,988	-		1,299,988	818,993	480,995
	Total			23,613,722	-	1,660,100	21,953,622	5,895,320	-	16,058,302	10,116,734	5,941,568



4.6 Ambulance Services

With respect to ambulance services (formerly referred to as paramedic services), adjustments have been made to reflect the removal of the mandatory 10% deduction. Figures 4-7 and 4-8 provides the capital project listing with the removal of the mandatory deduction.

The details regarding the updated service standards are provided in Appendix B. The resulting service standards for Ambulance Services provide a D.C. ceiling of approximately \$4.59 million. Given that the capital program is \$4.12 million, the D.C.-eligible capital amounts are within the level of service ceiling.

Based on the City's 2019 D.C. study, the growth-related capital costs have been allocated 90% residential and 10% non-residential. This is to acknowledge that although ambulance usage is predominantly residential based, there is some use of the facilities by non-residential users.



Figure 4-7
City of Hamilton
Ambulance Services - Facilities Capital – Updated

Project Number	Increased Service Needs Attributable to Anticipated Development	Timing (year)	Gross Capital Cost Estimate (2019\$)	Post Period Benefit	Other Deductions	Net Capital Cost	Less:		Potential D.C. Recoverable Cost		
							Benefit to Existing Development	Grants, Subsidies and Other Contributions Attributable to New Development	Total	Residential Share	Non-Residential Share
2019-2028									90%	10%	
1	Additional Facility Space	2019-2028	4,400,000	3,040,000		1,360,000	-		1,360,000	1,224,000	136,000
3	Outstanding Debt on Shared Training Facility - Principal	2019-2027	557,809	-		557,809	-		557,809	502,028	55,781
4	Outstanding Debt on Shared Training Facility - Interest (discounted)	2019-2027	10,540	-		10,540	-		10,540	9,486	1,054
5	Reserve Fund Adjustment		401,884	-		401,884	-		401,884	361,696	40,188
	Total		5,370,233	3,040,000	-	2,330,233	-	-	2,330,233	2,097,210	233,023



Figure 4-8
City of Hamilton
Ambulance Services – Vehicles & Equipment Capital – Updated

Project Number	Increased Service Needs Attributable to Anticipated Development	Timing (year)	Gross Capital Cost Estimate (2019\$)	Post Period Benefit	Other Deductions	Net Capital Cost	Less:		Potential D.C. Recoverable Cost		
							Benefit to Existing Development	Grants, Subsidies and Other Contributions Attributable to New Development	Total	Residential Share	Non-Residential Share
	2019-2028									90%	10%
1	Additional Ambulances (5)	2019-2023	1,340,000	-		1,340,000	-		1,340,000	1,206,000	134,000
2	Additional Ambulances (5)	2024-2028	1,340,000	1,279,700		60,300	-		60,300	54,270	6,030
3	Additional Defibrillators (6)	2019-2023	180,600	-		180,600	-		180,600	162,540	18,060
4	Additional Defibrillators (7)	2024-2028	210,700	201,200		9,500	-		9,500	8,550	950
5	Additional Stretchers (6)	2019-2023	134,400	-		134,400	-		134,400	120,960	13,440
6	Additional Stretchers (7)	2024-2028	156,800	149,700		7,100	-		7,100	6,390	710
7	Additional Gear (5)	2019-2023	60,000	-		60,000	-		60,000	54,000	6,000
8	Additional Gear (5)	2024-2028	60,000	57,300		2,700	-		2,700	2,430	270
	Total		3,482,500	1,687,900	-	1,794,600	-	-	1,794,600	1,615,140	179,460



4.7 Waste Diversion Services

With respect to waste diversion services, adjustments have been made to reflect the removal of the mandatory 10% deduction. Figure 4-9 provides the capital project listing with the removal of the mandatory deduction.

The details regarding the updated service standards are provided in Appendix B. The resulting service standards for waste diversion provide a D.C. ceiling of approximately \$23.38 million. Given that the capital program is \$22.05 million, the D.C.-eligible capital amounts are within the level of service ceiling.

Based on the City's 2019 D.C. study, the growth-related capital costs have been allocated 83% residential and 17% non-residential based on the allocation of residential versus non-residential properties collected from.



Figure 4-9
City of Hamilton
Waste Diversion Capital – Updated

Project Number	Increased Service Needs Attributable to Anticipated Development	Timing (year)	Gross Capital Cost Estimate (2019\$)	Other Deductions*	Gross Capital Cost (2019\$) Waste Diversion Related	Post Period Benefit	Net Capital Cost	Less:		Potential D.C. Recoverable Cost		
								Benefit to Existing Development	Grants, Subsidies and Other Contributions Attributable to New Development	Total	Residential Share 83%	Non-Residential Share 17%
2019-2028												
1	CCF Air Handling Upgrades (to provide for capital improvements to the CCF to mitigate the impacts of the Ontario Compost Quality Standards)	2019	1,734,000	-	1,734,000	89,000	1,645,000	1,556,400		88,600	73,538	15,062
2	Diversion Container Replacement and Expansion Program	2019-2023	4,908,750	-	4,908,750	-	4,908,750	4,405,900		502,850	417,366	85,485
3	Diversion Container Replacement and Expansion Program	2024-2028	4,908,750	-	4,908,750	-	4,908,750	4,405,900		502,850	417,366	85,485
4	Public Space & Special Event Containers Replacement & Expansion	2019-2023	1,275,000	1,020,000	255,000	-	255,000	127,500		127,500	105,825	21,675
5	Public Space & Special Event Containers Replacement & Expansion	2024-2028	1,275,000	1,020,000	255,000	-	255,000	127,500		127,500	105,825	21,675
6	Glanbrook Landfill Capital Improvement Program	2019-2023	1,863,550	1,677,195	186,355	-	186,355	18,600		167,755	139,237	28,518
7	Glanbrook Landfill Capital Improvement Program	2024-2028	1,863,550	1,677,195	186,355	-	186,355	18,600		167,755	139,237	28,518
8	Maintenance & Capital Improvements to the Resource Recovery Centre (RRC) Program	2019-2023	1,537,150	-	1,537,150	-	1,537,150	999,100		538,050	446,582	91,469
9	Maintenance & Capital Improvements to the Resource Recovery Centre (RRC) Program	2024-2028	1,537,150	-	1,537,150	-	1,537,150	999,100		538,050	446,582	91,469
8	Leaf & Yard Waste Composting Facility Relocation	2019-2020	3,978,000	-	3,978,000	-	3,978,000	1,989,000		1,989,000	1,650,870	338,130
9	Transfer Station/Community Recycling Centre Expansion & Capital Replacement	2019-2023	10,375,000	6,225,000	4,150,000	-	4,150,000	-		4,150,000	3,444,500	705,500
10	Transfer Station/Community Recycling Centre Expansion & Capital Replacement	2024-2028	10,375,000	6,225,000	4,150,000	3,320,000	830,000	-		830,000	688,900	141,100
11	Material Recycling Facility Lifecycle Replacement & Upgrades	2020-2022	24,150,000	-	24,150,000	2,963,000	21,187,000	12,075,000		9,112,000	7,562,960	1,549,040
12	Provision for additional trucks (2.1 per 4,000 additional low and medium density units)	2019-2023	1,606,500	-	1,606,500	-	1,606,500	-		1,606,500	1,333,395	273,105
13	Provision for additional trucks (2.1 per 4,000 additional low and medium density units)	2024-2028	1,606,500	-	1,606,500	-	1,606,500	-		1,606,500	1,333,395	273,105
	Total		72,993,900	17,844,390	55,149,510	6,372,000	48,777,510	26,722,600	-	22,054,910	18,305,575	3,749,335



4.8 Public Health

With respect to Public Health services, adjustments have been made to reflect the removal of the mandatory 10% deduction. Figure 4-10 provides the capital project listing with the removal of the mandatory deduction.

The details regarding the updated service standards are provided in Appendix B. The resulting service standards for Public Health provide a D.C. ceiling of approximately \$5.28 million. Given that the capital program is \$82,598, the D.C.-eligible capital amounts are well within the level of service ceiling.

Based on the City's 2019 D.C. study, the growth-related capital costs have been allocated 90% residential and 10% non-residential. This is to acknowledge that although health service is predominantly residential based, there is some use of the service by non-residential users.



Figure 4-10
City of Hamilton
Public Health Capital – Updated

Project Number	Increased Service Needs Attributable to Anticipated Development	Timing (year)	Gross Capital Cost Estimate (2019\$)	Post Period Benefit	Other Deductions	Net Capital Cost	Less:		Potential D.C. Recoverable Cost		
							Benefit to Existing Development	Grants, Subsidies and Other Contributions Attributable to New Development	Total	Residential Share	Non-Residential Share
	2019-2028									90%	10%
1	Provision for Additional Space	2024-2028	583,000	-		583,000	-		583,000	524,700	58,300
2	Reserve Adjustment						500,402		(500,402)	(450,362)	(50,040)
	Total		583,000	-	-	583,000	500,402	-	82,598	74,338	8,260



4.9 Long-Term Care

With respect to Long-Term Care, the City has recently revised its cost estimate for the construction of an expansion to the Macassa Lodge which would provide both additional beds as well as replaced existing beds in another portion of the lodge. In addition, the City applied for grant funding from the Ministry of Long-Term Care to assist in covering the costs of the project. The Ministry has confirmed that subsidy funding will be provided for the project via two “one-time” payment amounts totalling \$1.8 million along with a construction funding subsidy to be paid to the City monthly over 25 years totalling \$4.4 million in current dollars.

With the announcement of subsidy funding and revised costing for the project being available, the Macassa Lodge the capital costs included in the 2019 D.C. study have been updated to reflect the latest information available for this D.C. update. As such, the 25-year payments to be received have been discounted to \$3.13 million in 2019 dollars and added to the one-time grants being received. Therefore, the total grants and subsidies equal \$4.414 million, which provides a deduction being made against the revised gross cost of \$27.157 million. Further, a benefit to existing deduction of 69% has been made related to 44 beds to be replaced vs. the additional 20 beds to service growth.

In addition to the revisions noted above, adjustments have been made to reflect the removal of the mandatory 10% deduction. Figure 4-11 provides the capital project listing with the removal of the mandatory deduction and the revised grants/subsidy information.

The details regarding the updated service standards are provided in Appendix B. The resulting service standards for Long-Term Care provide a D.C. ceiling of approximately \$19.59 million. Given that the capital program is \$5.05 million, the D.C.-eligible capital amounts are well within the level of service ceiling.

Based on the City’s 2019 D.C. Study, as the predominant users long-term care homes tend to be residents of the City, the forecasted growth-related costs have been allocated 90% to residential and 10% to non-residential.



Figure 4-11
City of Hamilton
Long-Term Care Capital – Updated

Project Number	Increased Service Needs Attributable to Anticipated Development	Timing (year)	Gross Capital Cost Estimate (2019\$)	Post Period Benefit	Other Deductions	Net Capital Cost	Less:		Potential D.C. Recoverable Cost		
							Benefit to Existing Development	Grants, Subsidies and Other Contributions Attributable to New Development	Total	Residential Share	Non-Residential Share
	2019-2028									90%	10%
1	Macassa-D Wing Expansion	2021-2026	27,157,000	-		27,157,000	15,635,744	4,414,100	7,107,156	6,396,441	710,716
2	Macassa-A Wing / S Wing Renovation/Replacement (69,136 sq ft)	2025-2030	22,143,000	-		22,143,000	22,143,000		-	-	-
3	Reserve Fund Adjustment		-	-		-	2,052,370		(2,052,370)	(1,847,133)	(205,237)
	Total		49,300,000	-	-	49,300,000	39,831,114	4,414,100	5,054,786	4,549,307	505,479



4.10 Child Care and Early Years

The Previous D.C. included Social and Child Care Services as part of the service standard calculations undertaken. With the recent changes to the D.C.A., the only component of social and child services that remain eligible for inclusion in the D.C. calculations relate to Child Care and Early Years. The service standard calculations have been updated to remove all facility space related to other social services facilities that provide non-childcare/early years space. However, the capital costs included in the 2019 D.C. study for future expansion to service growth, pertained specifically to Child Care, therefore, the capital program remains unchanged.

With respect to Child Care and Early Years services, adjustments have been made to reflect the removal of the mandatory 10% deduction. Figure 4-12 provides the capital project listing with the removal of the mandatory deduction.

The details regarding the updated service standards are provided in Appendix B. The resulting service standards for only the Child Care and Early Years facility space provides a D.C. ceiling of just over \$1.98 million. Given that the capital program is \$415,379, the D.C.-eligible capital amounts are within the level of service ceiling.

Based on the City's 2019 D.C. study, the growth-related capital costs have been allocated 90% residential and 10% non-residential. This is to acknowledge that although childcare and early years programs and services are predominantly residential based, there is some use of the service by non-residential users.



Figure 4-12
City of Hamilton
Child Care and Early Years Capital – Updated

Project Number	Increased Service Needs Attributable to Anticipated Development	Timing (year)	Gross Capital Cost Estimate (2019\$)	Post Period Benefit	Other Deductions	Net Capital Cost	Less:		Potential D.C. Recoverable Cost		
							Benefit to Existing Development	Grants, Subsidies and Other Contributions Attributable to New Development	Total	Residential Share	Non-Residential Share
	2019-2028									90%	10%
1	Riverdale Community Hub (Child Care Portion)	2019-2022	2,000,000	-		2,000,000	-	2,000,000	-	-	-
2	Reserve Fund Adjustment		415,379	-		415,379	-		415,379	373,841	41,538
	Total		2,415,379	-	-	2,415,379	-	2,000,000	415,379	373,841	41,538



4.11 Housing Services

With respect to Housing Services, adjustments have been made to reflect the removal of the mandatory 10% deduction. Figure 4-13 provides the capital project listing with the removal of the mandatory deduction.

The details regarding the updated service standards are provided in Appendix B. The resulting service standards for Housing Services provide a D.C. ceiling of approximately \$106.07 million. Given that the capital program is \$18.84 million, the D.C.-eligible capital amounts are well below the level of service ceiling.

Based on the City's 2019 D.C. study, the growth-related capital costs have been allocated 100% residential to acknowledge that the service is required because of residential growth.



Figure 4-13
City of Hamilton
Housing Services Capital – Updated

Project Number	Increased Service Needs Attributable to Anticipated Development	Timing (year)	Gross Capital Cost Estimate (2019\$)	Post Period Benefit	Other Deductions	Net Capital Cost	Less:		Potential D.C. Recoverable Cost		
							Benefit to Existing Development	Grants, Subsidies and Other Contributions Attributable to New Development	Total	Residential Share	Non-Residential Share
	2019-2028									100%	0%
1	Provision for Additional Social Housing	2019-2023	193,750,000	13,562,500		180,187,500	160,270,000		19,917,500	19,917,500	-
2	Provision for Additional Social Housing	2024-2028	227,660,000	39,157,500		188,502,500	188,320,400		182,100	182,100	-
3	Bay-Cannon (Replace 45 units and expand by 10 units)	2019-2023	16,600,000	-		16,600,000	16,078,400		521,600	521,600	-
4	55 Queenston Phase 1 (41 Units Replacement of Units from other locations)	2019-2023	10,529,000	-		10,529,000	10,529,000		-	-	-
5	Wellington-King William (Replace 14 units and expand by 6 units)	2019-2023	5,743,000	-		5,743,000	5,445,300		297,700	297,700	-
6	Macassa (Replace 45 units and expand by 20 units)	2019-2023	15,554,000	-		15,554,000	14,727,100		826,900	826,900	-
7	MacNab (Rehab 146 units)	2019-2023	16,282,000	-		16,282,000	10,382,000	5,900,000	-	-	-
8	55 Queenston Phase 2 (52 Additional Units)	2019-2023	13,350,000	-		13,350,000	11,043,100		2,306,900	2,306,900	-
9	Riverdale Community Hub (44 units)	2019-2023	11,040,000	-		11,040,000	9,132,300		1,907,700	1,907,700	-
	Reserve Fund Adjustment						7,125,251		(7,125,251)	(7,125,251)	-
	Total		510,508,000	52,720,000	-	457,788,000	433,052,851	5,900,000	18,835,149	18,835,149	-



4.12 Provincial Offences Act (P.O.A.)

With respect to P.O.A. services, adjustments have been made to reflect the removal of the mandatory 10% deduction. Figure 4-14 provides the capital project listing with the removal of the mandatory deduction.

The details regarding the updated service standards are provided in Appendix B. The resulting service standards for P.O.A. provide a D.C. ceiling of approximately \$1.85 million. Given that the capital program is \$1.59 million, the D.C.-eligible capital amounts are within the level of service ceiling.

Based on the City's 2019 D.C. study, the growth-related capital costs have been allocated 63% residential and 37% non-residential based on the incremental growth in population to employment for the 10-year forecast period.



Figure 4-14
City of Hamilton
P.O.A. Services Capital – Updated

Project Number	Increased Service Needs Attributable to Anticipated Development 2019-2028	Timing (year)	Gross Capital Cost Estimate (2019\$)	Post Period Benefit	Other Deductions	Net Capital Cost	Less:		Potential D.C. Recoverable Cost		
							Benefit to Existing Development	Grants, Subsidies and Other Contributions Attributable to New Development	Total	Residential Share 63%	Non-Residential Share 37%
1	Growth related Debt Principal (Discounted) - New POA Facility	2019-2034	3,173,583	1,477,977		1,695,607			1,695,607	1,068,232	627,374
2	Growth related Debt Interest (Discounted) - New POA Facility	2019-2034	257,693	126,785		130,908			130,908	82,472	48,436
2	Reserve Fund Adjustment						233,372		(233,372)	(147,025)	(86,348)
	Total		3,431,276	1,604,761	-	1,826,515	233,372	-	1,593,142	1,003,680	589,463



4.13 Public Works

Similar to Growth Studies, the changes in the D.C.A. has brought rise to the need for the City to create a Class of Service related to the Public Works Facilities, Vehicles and Equipment that assist throughout the city in providing support to a various D.C. eligible services. These services include water, wastewater, stormwater, services related to a highway, transit, parks & recreation, etc. As such a class of service is being created to ensure the continued recovery of growth funding towards the expansion of space, vehicles and equipment needed to service future growth.

As a result of these changes to the D.C.A., this update study provides for the former “Public Works Facilities, Vehicles & Equipment” as a categorized class of services entitled “Public Works.”

Figures 4-15 and 4-16 provides how the costs of capital projects are allocated across the D.C. eligible services that the facilities, vehicles, and equipment service. To allocate costs of facilities, vehicles and equipment various allocations have been made based on the services that the project pertains to. For example when capital pertains to water, wastewater, stormwater, and services related to a highway, the capital projects have each been allocated 25% of the costs when project relate only water and wastewater services have been allocate equal shares of the costs. Further, many of the projects listed pertain only to one service, as indicated.

In updating the list of capital projects, there was a project identified for removal from the capital listing, as it pertained to a vehicle for building department staff, which is not related to a specific eligible service as per the amendments to the D.C.A.

In addition to the classification as a class of service, and allocation of public works facilities, equipment, and vehicles between eligible services, the mandatory 10% deduction has been removed from projects that formerly pertained to discounted services (e.g. parks & recreation services). The total revised growth-related capital costs included in the updated D.C. calculations equal \$41.74 million.

The details regarding the updated service standards are provided in Appendix B. The resulting service standards for Public Works provide a D.C. ceiling of approximately \$96.23 million, well above the capital program included in the D.C. calculations.



Based on the City's 2019 D.C. study, the growth-related capital costs have been allocated 62% residential and 38% non-residential based on the incremental growth in population to employment for the 10-year forecast period.



Figure 4-15
City of Hamilton
Public Works - Facilities Capital – Updated

Project Number	Increased Service Needs Attributable to Anticipated Development 2019-2031	Service to Which Project Relates	Timing (year)	Gross Capital Cost Estimate (2019\$)	Post Period Benefit	Other Deductions	Net Capital Cost	Less:		Potential D.C. Recoverable Cost		
								Benefit to Existing Development	Grants, Subsidies and Other Contributions Attributable to New Development	Total	Residential Share 62%	Non-Residential Share 38%
1	Dundas Expansion											
1a	Dundas Expansion	Water Services	2019-2031	360,000	-		360,000	-		360,000	223,200	136,800
1b	Dundas Expansion	Wastewater Services	2019-2031	730,000	-		730,000	-		730,000	452,600	277,400
1c	Dundas Expansion	Stormwater Services	2019-2031	560,000	-		560,000	-		560,000	347,200	212,800
	Sub-Total			1,650,000	-	-	1,650,000	-	-	1,650,000	1,023,000	627,000
2	Lower Stoney Creek Expansion											
2a	Lower Stoney Creek Expansion	Water Services	2019-2031	274,400	-		274,400	-		274,400	170,128	104,272
2b	Lower Stoney Creek Expansion	Wastewater Services	2019-2031	548,800	-		548,800	-		548,800	340,256	208,544
2c	Lower Stoney Creek Expansion	Stormwater Services	2019-2031	411,600	-		411,600	-		411,600	255,192	156,408
2d	Lower Stoney Creek Expansion	Services Related to a Highway	2019-2031	725,200	-		725,200	-		725,200	449,624	275,576
	Sub-Total			1,960,000	-	-	1,960,000	-	-	1,960,000	1,215,200	744,800
3	South Mountain Expansion											
3a	South Mountain Expansion	Water Services	2019-2031	400,400	-		400,400	-		400,400	248,248	152,152
3b	South Mountain Expansion	Wastewater Services	2019-2031	800,800	-		800,800	-		800,800	496,496	304,304
3c	South Mountain Expansion	Stormwater Services	2019-2031	600,600	-		600,600	-		600,600	372,372	228,228
3d	South Mountain Expansion	Services Related to a Highway	2019-2031	1,058,200	-		1,058,200	-		1,058,200	656,064	402,116
	Sub-Total			2,860,000	-	-	2,860,000	-	-	2,860,000	1,773,200	1,086,800
4	Upper Stoney Creek/Binbrook Expansion											
4a	Upper Stoney Creek/Binbrook Expansion	Water Services	2019-2031	229,600	-		229,600	-		229,600	142,352	87,248
4b	Upper Stoney Creek/Binbrook Expansion	Wastewater Services	2019-2031	459,200	-		459,200	-		459,200	284,704	174,496
4c	Upper Stoney Creek/Binbrook Expansion	Stormwater Services	2019-2031	344,400	-		344,400	-		344,400	213,528	130,872
4d	Upper Stoney Creek/Binbrook Expansion	Services Related to a Highway	2019-2031	606,800	-		606,800	-		606,800	376,216	230,584
	Sub-Total			1,640,000	-	-	1,640,000	-	-	1,640,000	1,016,800	623,200
5	Waterdown/Carlisle Expansion											
5a	Waterdown/Carlisle Expansion	Water Services	2019-2031	249,200	-		249,200	-		249,200	154,504	94,696
5b	Waterdown/Carlisle Expansion	Wastewater Services	2019-2031	498,400	-		498,400	-		498,400	309,008	189,392
5c	Waterdown/Carlisle Expansion	Stormwater Services	2019-2031	373,800	-		373,800	-		373,800	231,756	142,044
5d	Waterdown/Carlisle Expansion	Services Related to a Highway	2019-2031	658,600	-		658,600	-		658,600	408,332	250,268
	Sub-Total			1,780,000	-	-	1,780,000	-	-	1,780,000	1,103,600	676,400
6	North District Expansion											
6a	North District Expansion	Water Services	2019-2031	244,800	-		244,800	-		244,800	151,776	93,024
6b	North District Expansion	Wastewater Services	2019-2031	489,600	-		489,600	-		489,600	303,552	186,048
6c	North District Expansion	Parks & Recreation Services	2019-2031	204,000	-		204,000	-		204,000	126,480	77,520
6d	North District Expansion	Transit Services	2019-2031	81,600	-		81,600	-		81,600	50,592	31,008
	Sub-Total			1,020,000	-	-	1,020,000	-	-	1,020,000	632,400	387,600
7	Water & Wastewater Office/Storage Expansion											
7a	Water & Wastewater Office/Storage Expansion	Water Services	2019-2024	5,865,000	-		5,865,000	3,476,700		2,388,300	1,480,746	907,554
7b	Water & Wastewater Office/Storage Expansion	Wastewater Services	2019-2024	11,385,000	-		11,385,000	6,748,800		4,636,200	2,874,444	1,761,756
	Sub-Total			17,250,000	-	-	17,250,000	10,225,500	-	7,024,500	4,355,190	2,669,310
8	Provision for Expansion of Parks Works Yards - Binbrook*	Parks & Recreation Services	2019-2031	573,500	-		573,500	-		573,500	355,570	217,930
9	Streetlighting Facility Expansion (Storage)	Services Related to a Highway	2019-2023	1,200,000	-		1,200,000	318,200		881,800	546,716	335,084
10	Additional Snow Dump (Land)	Services Related to a Highway	2025-2028	5,750,000	-		5,750,000	-		5,750,000	3,565,000	2,185,000
11	Confederation Park - Sports Park Development - Phase 2 (Maintenance Yard & Field House)*	Parks & Recreation Services	2020	4,182,000	-		4,182,000	418,200		3,763,800	2,333,556	1,430,244
12	Public Works Depot - Bayfront Park (Design & Construction)*	Parks & Recreation Services	2019	3,900,000	-		3,900,000	1,950,000		1,950,000	1,209,000	741,000
	Reserve Fund Adjustment											
13	Reserve Fund Adjustment							3,763,222		(3,763,222)	(2,333,197)	(1,430,024)
	Total			43,765,500	-	-	43,765,500	16,675,122	-	27,090,378	16,796,035	10,294,344



Figure 4-16
City of Hamilton
Public Works – Vehicles and Equipment Capital – Updated

Project Number	Increased Service Needs Attributable to Anticipated Development	Service to Which Project Relates	Timing (year)	Gross Capital Cost Estimate (2019\$)	Post Period Benefit	Other Deductions	Net Capital Cost	Less:		Potential D.C. Recoverable Cost		
								Benefit to Existing Development	Grants, Subsidies and Other Contributions Attributable to New Development	Total	Residential Share 62%	Non-Residential Share 38%
2019-2031												
Operations:												
1	1 1/2 Ton Pickup (9)											
1a	1 1/2 Ton Pickup	Water Services	2019-2031	116,000	-		116,000	-		116,000	71,920	44,080
1b	1 1/2 Ton Pickup	Wastewater Services	2019-2031	116,000	-		116,000	-		116,000	71,920	44,080
2	Large Front End Loader (2)											
2a	Large Front End Loader	Services Related to a Highway	2019-2031	101,167	-		101,167	-		101,167	62,723	38,443
2b	Large Front End Loader	Water Services	2019-2031	101,167	-		101,167	-		101,167	62,723	38,443
2c	Large Front End Loader	Wastewater Services	2019-2031	101,167	-		101,167	-		101,167	62,723	38,443
2d	Large Front End Loader	Stormwater Services	2019-2031	101,167	-		101,167	-		101,167	62,723	38,443
3	Tandem Trailer - 12 Ton (1)											
3a	Tandem Trailer - 12 Ton	Services Related to a Highway	2019-2031	5,625	-		5,625	-		5,625	3,488	2,138
3b	Tandem Trailer - 12 Ton	Water Services	2019-2031	5,625	-		5,625	-		5,625	3,488	2,138
3c	Tandem Trailer - 12 Ton	Wastewater Services	2019-2031	5,625	-		5,625	-		5,625	3,488	2,138
3d	Tandem Trailer - 12 Ton	Stormwater Services	2019-2031	5,625	-		5,625	-		5,625	3,488	2,138
4	SUV 2 Wheel Drive (3)											
4a	SUV 2 Wheel Drive	Services Related to a Highway	2019-2031	23,500	-		23,500	-		23,500	14,570	8,930
4b	SUV 2 Wheel Drive	Water Services	2019-2031	23,500	-		23,500	-		23,500	14,570	8,930
4c	SUV 2 Wheel Drive	Wastewater Services	2019-2031	23,500	-		23,500	-		23,500	14,570	8,930
4d	SUV 2 Wheel Drive	Stormwater Services	2019-2031	23,500	-		23,500	-		23,500	14,570	8,930
5	Pickup 1/2 ton (1)											
5a	Pickup 1/2 ton	Services Related to a Highway	2019-2031	7,275	-		7,275	-		7,275	4,511	2,765
5b	Pickup 1/2 ton	Water Services	2019-2031	7,275	-		7,275	-		7,275	4,511	2,765
5c	Pickup 1/2 ton	Wastewater Services	2019-2031	7,275	-		7,275	-		7,275	4,511	2,765
5d	Pickup 1/2 ton	Stormwater Services	2019-2031	7,275	-		7,275	-		7,275	4,511	2,765
6	Snow Blower Attachment (1)											
6a	Snow Blower Attachment	Services Related to a Highway	2019-2031	101,000	-		101,000	-		101,000	62,620	38,380
6b	Snow Blower Attachment	Parks & Recreation Services	2019-2031	101,000	-		101,000	-		101,000	62,620	38,380
7	Large Hopper/Spreader Attachment (1)											
7a	Large Hopper/Spreader Attachment	Services Related to a Highway	2019-2031	9,000	-		9,000	-		9,000	5,580	3,420
7b	Large Hopper/Spreader Attachment	Parks & Recreation Services	2019-2031	9,000	-		9,000	-		9,000	5,580	3,420
8	Aluminum Dump/Crew/Plow (1)											
8a	Aluminum Dump/Crew/Plow	Services Related to a Highway	2019-2031	42,250	-		42,250	-		42,250	26,195	16,055
8b	Aluminum Dump/Crew/Plow	Parks & Recreation Services	2019-2031	42,250	-		42,250	-		42,250	26,195	16,055
9	Aluminum Dump/Crew/Plow (1)											
9a	Aluminum Dump/Crew/Plow	Services Related to a Highway	2019-2031	39,250	-		39,250	-		39,250	24,335	14,915
9b	Aluminum Dump/Crew/Plow	Parks & Recreation Services	2019-2031	39,250	-		39,250	-		39,250	24,335	14,915
10	Steel Dump/Crew (1)											
10a	Steel Dump/Crew	Services Related to a Highway	2019-2031	28,100	-		28,100	-		28,100	17,422	10,678
10b	Steel Dump/Crew	Parks & Recreation Services	2019-2031	28,100	-		28,100	-		28,100	17,422	10,678



Figure 4-16 Continued
City of Hamilton
Public Works – Vehicles and Equipment Capital – Updated

Project Number	Increased Service Needs Attributable to Anticipated Development	Service to Which Project Relates	Timing (year)	Gross Capital Cost Estimate (2019\$)	Post Period Benefit	Other Deductions	Net Capital Cost	Less:		Potential D.C. Recoverable Cost		
								Benefit to Existing Development	Grants, Subsidies and Other Contributions Attributable to New Development	Total	Residential Share	Non-Residential Share
	2019-2031										62%	38%
11	Trackless (1)											
11a	Trackless	Services Related to a Highway	2019-2031	117,500	-		117,500	-		117,500	72,850	44,650
11b	Trackless	Parks & Recreation Services	2019-2031	117,500	-		117,500	-		117,500	72,850	44,650
12	Refuse Rear Load (11)											
12a	Refuse Rear Load	Services Related to a Highway	2019-2028	123,400	-		123,400	-		123,400	76,508	46,892
12b	Refuse Rear Load	Parks & Recreation Services	2019-2028	123,400	-		123,400	-		123,400	76,508	46,892
13	Arrow Boards (3)											
13a	Arrow Boards	Services Related to a Highway	2019-2031	7,725	-		7,725	-		7,725	4,790	2,936
13b	Arrow Boards	Parks & Recreation Services	2019-2031	7,725	-		7,725	-		7,725	4,790	2,936
13c	Arrow Boards	Water Services	2019-2031	7,725	-		7,725	-		7,725	4,790	2,936
13d	Arrow Boards	Wastewater Services	2019-2031	7,725	-		7,725	-		7,725	4,790	2,936
14	Aluminum Sander Prewelded (1)	Services Related to a Highway	2019-2031	225,000	-		225,000	-		225,000	139,500	85,500
15	Grader (1)	Services Related to a Highway	2019-2031	281,000	-		281,000	-		281,000	174,220	106,780
16	Large Mobile Sweeper (4)	Services Related to a Highway	2019-2031	1,304,000	-		1,304,000	-		1,304,000	808,480	495,520
17	Street Flusher (1)	Services Related to a Highway	2019-2031	225,000	-		225,000	-		225,000	139,500	85,500
18	Hotspot Transporter (2)	Services Related to a Highway	2019-2031	63,000	-		63,000	-		63,000	39,060	23,940
19	Steel Dump/Crew/Crane/Plow (1)	Services Related to a Highway	2019-2031	59,600	-		59,600	-		59,600	36,952	22,648
20	Sander Radius Dump with 2 Way Front (1)	Services Related to a Highway	2019-2031	259,000	-		259,000	-		259,000	160,580	98,420
21	Sander Pre-Wel 2 Way with Wing (2)	Services Related to a Highway	2019-2031	562,000	-		562,000	-		562,000	348,440	213,560
22	Gradal (1)	Services Related to a Highway	2019-2031	362,000	-		362,000	-		362,000	224,440	137,560
23	Alum Sander Prew Front & Wing Plow (4)	Services Related to a Highway	2019-2031	876,800	-		876,800	-		876,800	543,616	333,184
24	Sander Tandem Prew Plow (1)	Services Related to a Highway	2019-2031	253,000	-		253,000	-		253,000	156,860	96,140
25	SUV 4 Wheel Drive (11)	Services Related to a Highway	2019-2031	458,000	-		458,000	-		458,000	283,960	174,040
	Parks:											
26	1 1/2 Ton Pick-up Truck (3)	Parks & Recreation Services	2019-2023	77,600	-		77,600	-		77,600	48,112	29,488
27	Small Tractor (2)	Parks & Recreation Services	2019-2023	78,700	-		78,700	-		78,700	48,794	29,906
28	Medium Tractor (1)	Parks & Recreation Services	2019-2023	50,600	-		50,600	-		50,600	31,372	19,228
29	Large Tractor (3)	Parks & Recreation Services	2019-2023	186,000	-		186,000	-		186,000	115,320	70,680
30	Service Body - Utility (2)	Parks & Recreation Services	2019-2023	101,000	-		101,000	-		101,000	62,620	38,380
31	1 Ton Pick-up with Plow (1)	Parks & Recreation Services	2019-2023	56,200	-		56,200	-		56,200	34,844	21,356
32	Tow behind rotary mower (1)	Parks & Recreation Services	2019-2023	2,900	-		2,900	-		2,900	1,798	1,102
33	Utility Turf Vehicle (3)	Parks & Recreation Services	2019-2023	57,300	-		57,300	-		57,300	35,526	21,774
34	Mower Front Mount Riding (10)	Parks & Recreation Services	2019-2023	211,500	-		211,500	-		211,500	131,130	80,370
35	Tandem Axle Trailer (5)	Parks & Recreation Services	2019-2023	42,700	-		42,700	-		42,700	26,474	16,226
36	Overseeder (1)	Parks & Recreation Services	2019-2023	21,400	-		21,400	-		21,400	13,268	8,132
37	Top Dresser (1)	Parks & Recreation Services	2019-2023	18,000	-		18,000	-		18,000	11,160	6,840
38	Small Aerifier (1)	Parks & Recreation Services	2019-2023	10,400	-		10,400	-		10,400	6,448	3,952
39	Aerifier (1)	Parks & Recreation Services	2019-2023	16,900	-		16,900	-		16,900	10,478	6,422



Figure 4-16 Continued
City of Hamilton
Public Works – Vehicles and Equipment Capital – Updated

Project Number	Increased Service Needs Attributable to Anticipated Development	Service to Which Project Relates	Timing (year)	Gross Capital Cost Estimate (2019\$)	Post Period Benefit	Other Deductions	Net Capital Cost	Less:		Potential D.C. Recoverable Cost		
								Benefit to Existing Development	Grants, Subsidies and Other Contributions Attributable to New Development	Total	Residential Share	Non-Residential Share
	2019-2031										62%	38%
40	Drop in Sander (3)	Parks & Recreation Services	2019-2023	30,400	-		30,400	-		30,400	18,848	11,552
41	Aluminum Dump/Crew (1)	Parks & Recreation Services	2019-2023	73,100	-		73,100	-		73,100	45,322	27,778
42	Aluminum Dump/Crew & Plow (1)	Parks & Recreation Services	2019-2023	78,500	-		78,500	-		78,500	48,670	29,830
43	Packer Truck (1)	Parks & Recreation Services	2019-2023	187,000	-		187,000	-		187,000	115,940	71,060
44	Riding Mower (1)	Parks & Recreation Services	2019-2023	73,100	-		73,100	-		73,100	45,322	27,778
45	Rotary Riding Mower (1)	Parks & Recreation Services	2019-2023	337,000	-		337,000	-		337,000	208,940	128,060
46	Steel Dump Crew - 1 Ton	Parks & Recreation Services	2019-2023	56,200	-		56,200	-		56,200	34,844	21,356
47	Aerifier (2)	Parks & Recreation Services	2019-2028	20,400	-		20,400	-		20,400	12,648	7,752
48	Ball Diamond Groomer (1)	Parks & Recreation Services	2019-2028	10,200	-		10,200	-		10,200	6,324	3,876
49	Blower (1)	Parks & Recreation Services	2019-2028	10,200	-		10,200	-		10,200	6,324	3,876
50	Miscellaneous (1)	Parks & Recreation Services	2019-2028	10,200	-		10,200	-		10,200	6,324	3,876
51	Mower (1)	Parks & Recreation Services	2019-2028	20,400	-		20,400	-		20,400	12,648	7,752
52	Over Seeder (1)	Parks & Recreation Services	2019-2028	20,400	-		20,400	-		20,400	12,648	7,752
53	Top Dresser (1)	Parks & Recreation Services	2019-2028	20,400	-		20,400	-		20,400	12,648	7,752
54	Beach Rake (1)	Parks & Recreation Services	2019-2028	93,600	-		93,600	-		93,600	58,032	35,568
55	Golf Cart (4)	Parks & Recreation Services	2019-2028	10,200	-		10,200	-		10,200	6,324	3,876
56	Leaf Blower (1)	Parks & Recreation Services	2019-2028	520	-		520	-		520	322	198
57	Pressure Washer (1)	Parks & Recreation Services	2019-2028	10,400	-		10,400	-		10,400	6,448	3,952
58	Wood Chipper (1)	Parks & Recreation Services	2019-2028	33,700	-		33,700	-		33,700	20,894	12,806
59	Mower Outfront (3)	Parks & Recreation Services	2019-2028	25,500	-		25,500	-		25,500	15,810	9,690
60	Mower Riding (3)	Parks & Recreation Services	2019-2028	140,000	-		140,000	-		140,000	86,800	53,200
61	Mower Walk Behind (1)	Parks & Recreation Services	2019-2028	7,300	-		7,300	-		7,300	4,526	2,774
62	Pickup 1 ton Crew Cab (3)	Parks & Recreation Services	2019-2028	134,000	-		134,000	-		134,000	83,080	50,920
63	Pickup 1 ton Snow Plow (1)	Parks & Recreation Services	2019-2028	52,000	-		52,000	-		52,000	32,240	19,760
64	Refuse Rear Load Mini Packer (1)	Parks & Recreation Services	2019-2028	169,300	-		169,300	-		169,300	104,966	64,334
65	Refuse Side Loader (1)	Parks & Recreation Services	2019-2028	169,300	-		169,300	-		169,300	104,966	64,334
66	Service Body Truck (3/4 ton) (3)	Parks & Recreation Services	2019-2028	66,300	-		66,300	-		66,300	41,106	25,194
67	Sidewalk Sweeper (1)	Parks & Recreation Services	2019-2028	59,200	-		59,200	-		59,200	36,704	22,496
68	Tractor Loader/Backhoe Small (97-182 HP 6.5 cu yards) (1)	Parks & Recreation Services	2019-2028	114,200	-		114,200	-		114,200	70,804	43,396
69	Trailer Float (1)	Parks & Recreation Services	2019-2028	20,400	-		20,400	-		20,400	12,648	7,752
70	Utility Vehicle (5)	Parks & Recreation Services	2019-2028	20,400	-		20,400	-		20,400	12,648	7,752
71	Utility Vehicle - Toolcat (2)	Parks & Recreation Services	2019-2028	102,000	-		102,000	-		102,000	63,240	38,760



Figure 4-16 Continued
City of Hamilton
Public Works – Vehicles and Equipment Capital – Updated

Project Number	Increased Service Needs Attributable to Anticipated Development	Service to Which Project Relates	Timing (year)	Gross Capital Cost Estimate (2019\$)	Post Period Benefit	Other Deductions	Net Capital Cost	Less:		Potential D.C. Recoverable Cost		
								Benefit to Existing Development	Grants, Subsidies and Other Contributions Attributable to New Development	Total	Residential Share 62%	Non-Residential Share 38%
2019-2031												
Forestry:												
72	Pickup 3/4 Ton											
72a	Pickup 3/4 Ton	Services Related to a Highway	2019-2031	21,350	-		21,350	10,675		10,675	6,619	4,057
72b	Pickup 3/4 Ton	Parks & Recreation Services	2019-2031	21,350	-		21,350	10,675		10,675	6,619	4,057
73	Wood Chipper (2)											
73a	Wood Chipper (2)	Services Related to a Highway	2019-2031	94,000	-		94,000	-		94,000	58,280	35,720
73b	Wood Chipper (2)	Parks & Recreation Services	2019-2031	94,000	-		94,000	-		94,000	58,280	35,720
74	Aerial Truck (1)											
74a	Aerial Truck (1)	Services Related to a Highway	2019-2031	145,500	-		145,500	-		145,500	90,210	55,290
74b	Aerial Truck (1)	Parks & Recreation Services	2019-2031	145,500	-		145,500	-		145,500	90,210	55,290
75	Dump Truck Tandem Axle Chipper Body (1)											
75a	Dump Truck Tandem Axle Chipper Body (1)	Services Related to a Highway	2019-2023	101,000	-		101,000	-		101,000	62,620	38,380
75b	Dump Truck Tandem Axle Chipper Body (1)	Parks & Recreation Services	2019-2023	101,000	-		101,000	-		101,000	62,620	38,380
Horticulture:												
76	Tandem Axle Trailer (1)	Parks & Recreation Services	2019-2031	12,500	-		12,500	-		12,500	7,750	4,750
77	Aluminum Dump/Crew (2)	Parks & Recreation Services	2019-2023	145,600	-		145,600	-		145,600	90,272	55,328
Traffic												
78	Signal Bucket Trucks (2)	Services Related to a Highway	2019-2023	573,000	-		573,000	-		573,000	355,260	217,740
79	Signal Tech Van	Services Related to a Highway	2019-2024	80,700	-		80,700	-		80,700	50,034	30,666
80	Foreman's Pickup Truck	Services Related to a Highway	2019-2026	54,600	-		54,600	-		54,600	33,852	20,748
81	Investigator Pickup Truck	Services Related to a Highway	2019-2027	57,300	-		57,300	-		57,300	35,526	21,774
82	Aerial Truck (2)	Services Related to a Highway	2019-2031	630,000	-		630,000	-		630,000	390,600	239,400
83	Line Painter - Walk Behind (2)	Services Related to a Highway	2019-2031	10,200	-		10,200	-	10,200	10,200	6,324	3,876
84	Sign Trucks (2)	Services Related to a Highway	2019-2031	1,275,000	-		1,275,000	-		1,275,000	790,500	484,500
Parks and Recreation												
85	Ice Resurfer (2)	Parks & Recreation Services	2024-2028	191,000	-		191,000	-		191,000	118,420	72,580
86	Compact Car (3)	Parks & Recreation Services	2024-2028	84,300	-		84,300	-		84,300	52,266	32,034
P.O.A. including By-law Enforcement												
87	Hybrid Vehicles (6)	P.O.A. including By-law Enforcement	2019-2023	239,000	-		239,000	-		239,000	148,180	90,820
88	SUV 2 Wheel Drive (15)	P.O.A. including By-law Enforcement	2019-2031	468,000	-		468,000	-		468,000	290,160	177,840
89	SUV 4 Wheel Drive (5)	P.O.A. including By-law Enforcement	2019-2031	208,000	-		208,000	-		208,000	128,960	79,040
90	Pickup 1/2 ton (5)	P.O.A. including By-law Enforcement	2019-2031	146,000	-		146,000	-		146,000	90,520	55,480
Total				14,668,487	-	-	14,668,487	21,350	-	14,647,137	9,081,225	5,565,912



4.14 D.C. By-law Revised Schedule of Charges

4.14.1 Updated D.C. Calculation (2019\$)

Figure 4-17 provides the calculations to the proposed D.C. to be imposed on anticipated development in the City for municipal-wide services over the 13-year forecast period to 2031, and Figure 4-18 provides the calculations for municipal-wide services of the 10-year forecast period based on the changes described earlier in this chapter related to Public Works. Figure 4-19 provides for D.C. calculations on a 10-year forecast basis for Municipal Parking and Airport services that will become ineligible as of September 18, 2022.

The calculations provided herein are the same as was provided for in the 2019 D.C. Study. For the residential calculations, the total cost is divided by the “gross” (new resident) population to determine the per capita amount. The eligible D.C. cost calculations set out in Figures 4-17 to 4-19 are based on the net anticipated population increase. The cost per capita is then multiplied by the average occupancy of the new units to calculate the charge. With respect to non-residential development, the total costs allocated to non-residential development (based on need for service) have been divided by the anticipated development over the planning periods to calculate costs per sq.ft. of gross floor area for each service/class of service.



Figure 4-17
City of Hamilton
Municipal-wide D.C. Calculations (2019 – 2031)

SERVICE/CLASS OF SERVICE	2019\$ D.C.-Eligible Cost		2019\$ D.C.-Eligible Cost	
	Residential	Non-Residential	SDU	per ft ²
	\$	\$	\$	\$
1 Public Works Facilities, Vehicles & Equipment				
1.1 Public Works Facilities				
1.1.1 Water Services	2,257,374	1,383,552	71	0.04
1.1.2 Wastewater Services	4,443,761	2,723,596	138	0.07
1.1.3 Stormwater Services	1,246,844	764,195	39	0.02
1.1.4 Services Related to a Highway	5,269,910	3,229,945	164	0.08
1.1.5 Transit Services	44,421	27,226	1	0.00
1.1.6 Parks & Recreation Services	3,533,724	2,165,831	110	0.06
1.2 Public Works Vehicles				
1.2.1 Services Related to a Highway	5,311,023	3,255,143	165	0.08
1.2.2 Water Services	162,001	99,291	5	0.00
1.2.3 Wastewater Services	162,001	99,291	5	0.00
1.2.4 Stormwater Services	85,291	52,275	3	0.00
1.2.5 Parks & Recreation Services	2,703,088	1,656,732	84	0.04
1.2.6 P.O.A. including By-law Enforcement	657,820	403,180	20	0.01
	25,877,259	15,860,256	805	0.41
TOTAL	\$25,877,259	\$15,860,256	\$805	\$0.41
D.C.-Eligible Capital Cost	\$25,877,259	\$15,860,256		
13-Year Gross Population/GFA Growth (sq.ft.)	109,455	39,111,300		
Cost Per Capita/Non-Residential GFA (sq.ft.)	\$236.42	\$0.41		
By Residential Unit Type	P.P.U.			
Single and Semi-Detached Dwelling	3.41	\$805		
Other Multiples	2.44	\$576		
Apartments - 2 Bedrooms +	1.99	\$471		
Apartments - Bachelor and 1 Bedroom	1.36	\$322		
Residential Facility	1.10	\$260		



Figure 4-18
City of Hamilton
Municipal-wide D.C. Calculations (2019 – 2028)

SERVICE/CLASS OF SERVICE	2019\$ D.C.-Eligible Cost		2019\$ D.C.-Eligible Cost	
	Residential	Non-Residential	SDU	per ft ²
	\$	\$	\$	\$
2. Parks and Recreation Services				
Outdoor Recreation and Park				
2.1 Development, Amenities, Trails, Vehicles & Equipment	64,983,843	3,420,202	2,593	0.12
2.2 Indoor Recreation Facilities, Vehicles & Equipment	123,677,932	6,509,365	4,935	0.23
	188,661,775	9,929,567	7,528	0.35
3. Library Services				
3.1 Library facilities, vehicles and collection materials	28,700,909	28,700,909	1,145	1.00
4. Growth Studies				
4.1 Water Supply Services	1,200,369	704,981	48	0.02
4.2 Wastewater Services	2,062,143	1,211,099	82	0.04
4.3 Stormwater Drainage and Control Services	1,107,954	650,701	44	0.02
4.4 Services Related to a Highway	1,991,761	1,169,762	79	0.04
4.5 Policing Services	142,706	83,811	6	0.00
4.6 Fire Protection Services	70,740	41,541	3	0.00
4.7 Ambulance Services	151,368	88,902	6	0.00
4.8 Transit Services	500,468	293,926	20	0.01
4.9 Waste Diversion Services	459,972	270,142	18	0.01
4.10 Parks & Recreation Services	1,996,293	1,172,421	80	0.04
4.11 Library Services	114,355	67,151	5	0.00
4.12 Services Related to Long-Term Care	89,737	52,703	4	0.00
4.13 Services Related to Public Health	228	132	-	0.00
4.14 Child Care and Early Years Programs and Services	27,594	16,206	1	0.00
4.15 Housing Services	195,893	115,052	8	0.00
4.16 Services Related to Proceedings under POA	4,740	2,790	-	0.00
	10,116,321	5,941,321	404	0.21
5. Long Term Care				
5.1 Long Term Care Facilities	4,549,307	505,479	182	0.02
	4,549,307	505,479	182	0.02
6. Child Care and Early Years				
6.1 Child Care and Early Year Facilities	373,841	41,538	15	-
	373,841	41,538	15	-
7. Public Health				
7.1 Public Health Facilities	74,338	8,260	3	-
8. Provincial Offences Act				
8.1 P.O.A. facilities	1,003,680	589,463	40	0.02
9. Housing Services				
9.1 Housing Services facilities	18,835,149	-	752	-
10. Ambulance				
10.1 Ambulance facilities	2,099,910	233,323	84	0.01
10.2 Ambulance vehicles & equipment	1,615,140	179,460	64	0.01
	3,715,050	412,783	148	0.02
11. Waste Diversion				
11.1 Waste diversion facilities, vehicles, equipment and other	18,305,575	3,749,335	730	0.13
	18,305,575	3,749,335	730	0.13
TOTAL	\$274,335,945	\$49,878,654	\$10,947	\$1.74
D.C.-Eligible Capital Cost	\$274,335,945	\$49,878,654		
10-Year Gross Population/GFA Growth (sq.ft.)	85,329	28,791,900		
Cost Per Capita/Non-Residential GFA (sq.ft.)	\$3,215.04	\$1.74		
By Residential Unit Type	P.P.U.			
Single and Semi-Detached Dwelling	3.41	\$10,947		
Other Multiples	2.44	\$7,835		
Apartments - 2 Bedrooms +	1.99	\$6,411		
Apartments - Bachelor and 1 Bedroom	1.36	\$4,385		
Residential Facility	1.10	\$3,537		



Figure 4-19
City of Hamilton
Municipal-wide D.C. Calculations (2019 – 2028)
Municipal Parking and Airport Services

SERVICE	2019\$ D.C.-Eligible Cost		2019\$ D.C.-Eligible Cost	
	Residential	Non-Residential	SDU	per ft ²
	\$	\$	\$	\$
13. <u>Other Transportation Services</u>				
13.1 Municipal Parking services	14,010,084	8,228,144	559	0.30
13.2 Airport lands	11,799,365	6,929,786	471	0.24
	25,809,449	15,157,930	1,030	0.54
TOTAL	\$25,809,449	\$15,157,930	\$1,030	\$0.54
D.C.-Eligible Capital Cost	\$25,809,449	\$15,157,930		
10-Year Gross Population/GFA Growth (sq.ft.)	85,329	28,791,900		
Cost Per Capita/Non-Residential GFA (sq.ft.)	\$302.47	\$0.54		
<u>By Residential Unit Type</u>	<u>P.P.U.</u>			
Single and Semi-Detached Dwelling	3.41	\$1,030		
Apartments - 2 Bedrooms +	1.99	\$603		
Apartments - Bachelor and 1 Bedroom	1.36	\$413		
Other Multiples	2.44	\$737		
Residential Facility	1.10	\$333		

Figures 4-20 and 4-21 compare the amended and existing single detached dwelling unit and non-residential per square foot D.C.s (2019 \$ values)



Figure 4-20
City of Hamilton
Comparison of Existing and Amending Residential (Single Detached Unit) D.C. (2019\$)

Service	Current (By-law 19-142) (2019\$)	D.C. Update (2019 \$)
Municipal Wide Services:		
Services Related to a Highway	10,769	10,769
Police Services	524	524
Fire Protection Services	462	462
Transit Services	1,917	1,917
Ambulance Services	137	148
Public Works	784	805
Waste Diversion	657	730
Parks and Recreation Services	6,782	7,528
Library Services	1,045	1,145
Long Term Care	125	182
Public Health	1	3
Child Care and Early Years	15	15
Housing Services	648	752
Provincial Offences Act	40	40
Growth Studies	496	404
Municipal Parking	490	559
Airport Lands	419	471
Total Municipal Wide Services	25,311	26,454
Water and Wastewater Urban Area Charges:		
Wastewater Facilities	4,048	4,048
Wastewater Linear Services	5,415	5,415
Water Services	4,767	4,767
Total Water and Wastewater Urban Area Services	14,230	14,230
Stormwater Charges:		
Stormwater Drainage and Control Services (Combined Sewer System)	3,948	3,948
Stormwater Drainage and Control Services (Separated Sewer System)	10,462	10,462
GRAND TOTAL CITY WIDE	25,311	26,454
GRAND TOTAL URBAN AREA COMBINED SEWER SYSTEM	43,489	44,632
GRAND TOTAL URBAN AREA SEPARATED SEWER SYSTEM	50,003	51,146



Figure 4-21
City of Hamilton
Comparison of Existing and Amending Non-Residential D.C. (2019\$)

Service	Current (By-law 19-142) (2019\$)	D.C. Update (2019 \$)
City Wide Services:		
Services Related to a Highway	8.05	8.05
Police Services	0.26	0.26
Fire Protection Services	0.23	0.23
Transit Services	0.98	0.98
Ambulance Services	0.03	0.02
Public Works	0.41	0.41
Waste Diversion	0.13	0.13
Parks and Recreation Services	0.31	0.35
Library Services	0.05	1.00
Long Term Care	0.01	0.02
Public Health	-	-
Child Care and Early Years	-	-
Housing Services	-	-
Provincial Offences Act	0.02	0.02
Growth Studies	0.25	0.21
Municipal Parking	0.25	0.30
Airport Lands	0.21	0.24
Total City Wide Services	11.18	12.21
Water and Wastewater Urban Area Charges:		
Wastewater Facilities	1.95	1.95
Wastewater Linear Services	2.61	2.61
Water Services	2.29	2.29
Total Water and Wastewater Urban Area Services	6.85	6.85
Stormwater Charges:		
Stormwater Drainage and Control Services (Combined Sewer System)	-	0%
Stormwater Drainage and Control Services (Separated Sewer System)	2.16	216%
GRAND TOTAL CITY WIDE	11.18	12.21
GRAND TOTAL URBAN AREA COMBINED SEWER SYSTEM	18.03	19.06
GRAND TOTAL URBAN AREA SEPARATED SEWER SYSTEM	20.19	21.22



4.14.2 Revised D.C. Rates (2019\$ and 2020\$)

Based on the calculations above, the Municipal-wide D.C. (in 2019\$) is calculated to increase from \$25,311 to \$26,454 per single detached unit and increase from \$11.18 to \$12.21 per square foot for non-residential development.

Figure 4-22 provides for the updated Municipal-wide D.C.s in 2019 values, as the study was originally completed in 2019. This figure would be included as the amending schedule to the D.C. by-law. Figure 4-23 provides for the indexed 2020 values as the City's current D.C.s have been indexed by 3.92% on July 6, 2020 as per the by-law.



Figure 4-22
City of Hamilton
Updated Development Charge Schedule (2019\$)

Service/Class of Service	RESIDENTIAL					NON-RESIDENTIAL
	Single-Detached Dwelling & Semi-Detached Dwelling (per dwelling unit)	Townhouses & Other Multiple Unit Swellings (per dwelling unit)	Apartments & Stacked Townhouses & Mobile Homes 2-Bedrooms+ (per dwelling unit)	Apartments & Stacked Townhouses & Mobile Homes Bachelor & 1-Bedrooms+ (per dwelling unit)	Residential Facility Dwelling & Lodging House & Garden Suite (per bedroom)	(per sq.ft. of Gross Floor Area)
Municipal Wide Services/Classes:						
Services Related to a Highway	10,769	7,708	6,306	4,314	3,479	8.05
Police Services	524	375	307	210	169	0.26
Fire Protection Services	462	331	271	185	149	0.23
Transit Services	1,917	1,372	1,123	768	619	0.98
Public Works	805	576	471	322	260	0.41
Ambulance Services	148	106	87	59	48	0.02
Waste Diversion	730	522	427	292	236	0.13
Parks and Recreation Services	7,528	5,388	4,408	3,016	2,432	0.35
Library Services	1,145	819	671	459	370	1.00
Long Term Care	182	130	107	73	59	0.02
Public Health	3	2	2	1	1	-
Child Care and Early Years	15	11	9	6	5	-
Housing Services	752	538	440	301	243	-
Provincial Offences Act	40	29	23	16	13	0.02
Growth Studies	404	289	237	162	131	0.21
Municipal Parking	559	400	327	224	181	0.30
Airport Lands	471	337	276	189	152	0.24
Total Municipal Wide Services/Classes	26,454	18,933	15,492	10,597	8,547	12.21
Urban Services						
Wastewater Facilities	4,048	2,897	2,371	1,622	1,308	1.95
Wastewater Linear Services	5,415	3,876	3,171	2,169	1,749	2.61
Water Services	4,767	3,412	2,792	1,910	1,540	2.29
Combined Sewer System						
Stormwater Drainage and Control Services	3,948	2,826	2,312	1,582	1,275	-
Separated Sewer System						
Stormwater Drainage and Control Services	10,462	7,488	6,127	4,191	3,380	2.16
Total Urban Services - Combined Sewer System	18,178	13,011	10,646	7,283	5,872	6.85
Total Urban Services - Separated Sewer System	24,692	17,673	14,461	9,892	7,977	9.01
GRAND TOTAL CITY WIDE	26,454	18,933	15,492	10,597	8,547	12.21
GRAND TOTAL URBAN AREA (COMBINED SEWER SYSTEM)	44,632	31,944	26,138	17,880	14,419	19.06
GRAND TOTAL URBAN AREA (SEPARATED SEWER SYSTEM)	51,146	36,606	29,953	20,489	16,524	21.22



Figure 4-23
City of Hamilton
Updated Development Charge Schedule (2020\$)

Service/Class of Service	RESIDENTIAL					NON-RESIDENTIAL
	Single-Detached Dwelling & Semi-Detached Dwelling (per dwelling unit)	Townhouses & Other Multiple Unit Swellings (per dwelling unit)	Apartments & Stacked Townhouses & Mobile Homes 2-Bedrooms+ (per dwelling unit)	Apartments & Stacked Townhouses & Mobile Homes Bachelor & 1-Bedrooms+ (per dwelling unit)	Residential Facility Dwelling & Lodging House & Garden Suite (per bedroom)	(per sq.ft. of Gross Floor Area)
Municipal Wide Services/Classes:						
Services Related to a Highway	11,191	8,010	6,553	4,483	3,615	8.36
Police Services	545	390	319	218	176	0.27
Fire Protection Services	480	344	282	192	155	0.24
Transit Services	1,992	1,426	1,167	798	643	1.02
Public Works	836	599	489	335	270	0.43
Ambulance Services	154	110	90	61	50	0.02
Waste Diversion	759	542	444	303	245	0.14
Parks and Recreation Services	7,823	5,599	4,581	3,134	2,527	0.36
Library Services	1,190	851	697	477	385	1.04
Long Term Care	189	135	111	76	61	0.02
Public Health	3	2	2	1	1	-
Child Care and Early Years	16	11	9	6	5	-
Housing Services	781	559	457	313	253	-
Provincial Offences Act	42	30	24	17	14	0.02
Growth Studies	420	300	246	168	136	0.21
Municipal Parking	581	416	340	233	188	0.31
Airport Lands	489	350	287	196	158	0.25
Total Municipal Wide Services/Classes	27,490	19,675	16,099	11,012	8,882	12.68
Urban Services						
Wastewater Facilities	4,207	3,011	2,464	1,686	1,359	2.03
Wastewater Linear Services	5,627	4,028	3,295	2,254	1,818	2.71
Water Services	4,954	3,546	2,901	1,985	1,600	2.38
Combined Sewer System						
Stormwater Drainage and Control Services	4,103	2,937	2,403	1,644	1,325	-
Separated Sewer System						
Stormwater Drainage and Control Services	10,872	7,782	6,367	4,355	3,512	2.24
Total Urban Services - Combined Sewer System	18,891	13,521	11,063	7,568	6,102	7.12
Total Urban Services - Separated Sewer System	25,660	18,366	15,028	10,280	8,290	9.36
GRAND TOTAL CITY WIDE	27,490	19,675	16,099	11,012	8,882	12.68
GRAND TOTAL URBAN AREA (COMBINED SEWER SYSTEM)	46,381	33,196	27,163	18,581	14,984	19.80
GRAND TOTAL URBAN AREA (SEPARATED SEWER SYSTEM)	53,150	38,041	31,127	21,292	17,172	22.05



Chapter 5

Updates to the D.C. By-law



5. Updates to the D.C. By-law

As summarized in Chapter 2, the D.C. by-law will require several updates to conform with the D.C.A., as amended.

With respect to the “Time of Calculation and Payment” section of the by-law, the following refinements are to be included:

- Six equal annual D.C. payments commencing at occupancy for Rental Housing and Institutional Developments;
- Non-profit Housing Developments will be allowed to pay their D.C.s in 21 equal annual payments; and
- The D.C. amount for all developments occurring within 2 years of a site plan or zoning by-law amendment planning approval (for applications submitted after January 1, 2020) shall be determined based on the D.C. in effect on the day of the site plan or zoning by-law amendment application.

Instalment payments and payments determined at the time of site plan or zoning by-law amendment application are subject to annual interest charges. The interest rate, at the Bank of Canada Prime rate with semi-annual increments, has been adopted by City Council and is based on the City’s D.C. Interest Policy FPAP-DC-002. This policy may be amended from time to time.

For the purposes of administering the by-law, the following definitions are provided as per O. Reg. 454-19:

“Rental housing” means development of a building or structure with four or more dwelling units all of which are intended for use as rented residential premises.

“Institutional development” means development of a building or structure intended for use,

- a) as a long-term care home within the meaning of Subsection 2 (1) of the *Long-Term Care Homes Act, 2007*;
- b) as a retirement home within the meaning of Subsection 2 (1) of the *Retirement Homes Act, 2010*;
- c) by any of the following post-secondary institutions for the objects of the institution:



- i. a university in Ontario that receives direct, regular, and ongoing operating funding from the Government of Ontario,
 - ii. a college or university federated or affiliated with a university described in subclause (i), or
 - iii. an Indigenous Institute prescribed for the purposes of Section 6 of the *Indigenous Institutes Act, 2017*;
- d) as a memorial home, clubhouse, or athletic grounds by an Ontario branch of the Royal Canadian Legion; or
- e) as a hospice to provide end of life care.

“Non-profit Housing Development” means development of a building or structure intended for use as residential premises by,

- a) a corporation without share capital to which the *Corporations Act* applies, that is in good standing under that Act and whose primary object is to provide housing;
- b) a corporation without share capital to which the *Canada Not-for-profit Corporations Act* applies, that is in good standing under that Act and whose primary object is to provide housing; or
- c) a non-profit housing co-operative that is in good standing under the *Co-operative Corporations Act*, or any successor legislation.

In addition to the changes provided above, the following definition for “Class” will be provided:

“Class” means a grouping of services combined to create a single service for the purposes of this by-law and as provided in section 7 of the Development Charges Act.

With respect to exemptions, the following will be included as per O. Reg. 454-19:

No development charge shall be payable where the development:

- is limited to the creation of an additional dwelling unit as prescribed, in prescribed classes of new residential buildings as set out in the Regulations to the Development Charges Act, 1997; and



- is limited to the creation of an additional dwelling unit ancillary to a new dwelling unit in prescribed classes of new residential buildings as set out in the Regulations to the Development Charges Act, 1997.

With respect to exemptions, the following will be included as per Bill 213:

Land vested in or leased to a university that receives regular and ongoing operating funds from the government for the purposes of post-secondary education is exempt from development charges imposed under the Development Charges Act, 1997 if the development in respect of which development charges would otherwise be payable is intended to be occupied and used by the university.

Other new definitions have been included in the draft by-law to incorporate language being used in the amended legislation, they include definitions such as Accessory Dwelling; Ancillary Residential Building, Hospice, Rental Housing; etc.

As presented earlier, the D.C. for the Municipal Parking and Airport services will cease to be recoverable as of September 18, 2022. As such, changes to Schedule A have been made to identify the charges to be imposed pre- and post-September 18, 2022.



Chapter 6

Recommendations



6. Recommendations

It is recommended that Council:

“Approve the Development Charges Update Study dated March 5, 2021, as amended (if applicable)”;

“Approve the updated capital projects set out in Chapter 4 of the Development Charges Update Study dated March 5, 2021”;

“Determine that no further public meeting is required”; and

“Approve the Amending Development Charge By-law as set out in Appendix C”.



Appendix A

Existing Policies under By-law 19-142



A-1: Existing Policies under By-law 19-142

The following subsections set out the rules governing the calculation, payment and collection of D.C.s as provided in By-law 19-142, in accordance with the D.C.A.

Approval for Development

The Development of land is subject to Development Charge where the Development requires the following:

- a) the passing of a zoning by-law or of an amendment to a zoning by-law under section 34 of the *Planning Act*;
- b) the approval of a minor variance under section 45 of the *Planning Act*;
- c) a conveyance of land to which a by-law passed under section 50 (7) of the *Planning Act* applies;
- d) the approval of a plan of subdivision under section 51 of the *Planning Act*;
- e) a consent under section 53 of the *Planning Act*;
- f) the approval of a description under section 50 of the *Condominium Act*;
- g) the issuing of a building permit under the *Building Code Act* in relation to a building or structure.

Determination of the Amount of the Charge

The calculation for residential development is generated on a per capita basis and is based upon different forms of housing types (single and semi-detached, apartments with two or more bedrooms, one-bedroom apartments and bachelors, other multiples, and residential facilities/lodging houses). The total cost is divided by the “gross” (new resident) population to determine the per capita amount. The eligible D.C. cost calculations are based on the net anticipated population increase (the forecast new unit population less the anticipated decline in existing units). This approach acknowledges that service capacity will be “freed up” by the population decline in existing units. The cost per capita is then multiplied by the average occupancy of the new units to calculate the charges by type of residential dwelling unit.



The non-residential D.C. has been calculated based on a per square foot of gross floor area basis.

Rules with Respect to Redevelopment - Demolitions

In the case of the demolition of all or part of a Building:

- a) a credit shall be allowed against the Development Charges otherwise payable pursuant to this By-law, provided that a building permit has been issued for the Redevelopment within five years of the issuance date of the demolition permit on the same land and may be extended by the General Manager of Finance and Corporate Services either for Developments located outside the Urban Area Boundary or for Developments where it has been determined by the General Manager of Planning & Economic Development that significant development delays were not the responsibility of the developer, or may be otherwise extended by Councilor;
- b) the credit shall be calculated at the time Development Charges are due for the Redevelopment as follows:
 - i. for the portion of the Building used for Residential Uses, by multiplying the applicable Development Charge under Section 9 of this By-law by the number, according to type, of the Dwelling Units have been or will be demolished as supported by a demolition agreement; and
 - ii. for the portion of the Building used for Non-residential Uses, by multiplying the applicable Development Charge under Section 9 of this By-law, according to type of Non-residential Use, by the Gross Floor Area that has been or will be demolished as supported by a demolition agreement;
- c) without limiting the generality of the foregoing, no credit shall be allowed where the demolished Building or part thereof would have been exempt pursuant to this By-law, including Buildings, or parts thereof, that would have been exempted.

Rules with Respect to Redevelopment – Conversions

Where an existing Building is converted in whole or in part from one use (hereinafter referred to in this Section as the “First Use”) to another use,



- a) the amount of Development Charges payable shall be reduced by the amount, calculated pursuant to this By-law at the current Development Charges rates in respect of the First Use;
- b) the First Use shall be the use as confirmed through the City's Building Division and related permit records;
- c) for greater certainty, and without limiting the generality of the foregoing, no credit shall be allowed where the converted Building or part thereof would have been exempt pursuant to this By-law.

Exemptions (full or partial)

The following are exempted from D.C.s:

- Statutory exemptions
 - a) Industrial building additions of up to and including 50% of the existing gross floor area (defined in O. Reg. 82/98, s. 1) of the building; for industrial building additions which exceed 50% of the existing gross floor area, only the portion of the addition in excess of 50% is subject to D.C.s (s. 4 (3)) of the D.C.A;
 - b) buildings or structures owned by and used for the purposes of any municipality, local board or Board of Education (s. 3); and
 - c) residential development that results only in the enlargement of an existing dwelling unit, or that results only in the creation of up to two additional dwelling units (based on prescribed limits set out in s.2 of O. Reg. 82/98).
- Non-statutory exemptions
 - Building, or part thereof, used for parking but excluding a building or part thereof used for Commercial Parking;
 - Agricultural Use;
 - Place of Worship;
 - Garden Suite;
 - Laneway House;
 - Temporary Building or Structure, subject to Section 32;
 - (g) until such time as the City's Housing Services Division develops and implements a Development Charge Incentive Program, dwelling units



within an affordable housing project that (A) either have been approved to receive construction funding from the Government of Canada or the Province of Ontario (including their Crown corporations) under an affordable housing program or have been approved by the City of Hamilton through an affordable housing program; and (B) such affordable housing dwelling unit is not eligible for funding for development charge liabilities from the Government of Canada or the Province of Ontario (including their Crown corporations); and,

Downtown CIPA Partial Exemption

Notwithstanding any other provision of this By-law, the Development Charges payable under this By-law respecting Class A Office Development within the boundaries of the Downtown CIPA shall be reduced by 70% after all credits are applied under this By-law, for only the portion of the Class A Office Development that is within the height restrictions as shown in Schedule “F”.

Notwithstanding any other provision of this By-law, the Development Charges payable under this By-law respecting all Development, other than Class A Office Development, within the boundaries of the Downtown CIPA shall:

- a) be reduced by the following percentages, after all other credits are applied, under this By-law for only the portion of the Building that is within the height restrictions as shown in Schedule “F” based on the later of the date on which Development Charges are payable or the date all applicable Development Charges were actually paid:

Table 2: Downtown Hamilton CIPA Partial Exemption

Date	Percentage of reduction (%)	Percentage of development charge payable (%)
June 13, 2019 to July 5, 2019	70	30
July 6, 2019 to July 5, 2020	60	40
July 6, 2020 to July 5, 2021	50	50
July 6, 2021 to July 5, 2022	40	60
July 6, 2022 to July 5, 2023	40	60
July 6, 2023 to July 5, 2024	40	60



Schedule “F” shall not be amended by any decision by the Local Planning Appeal Tribunal relating to the City’s Zoning By-law Amendment 18-114; or by any amendments, including site specific or area specific, to the City’s Zoning By-law 05-200 either through Local Planning Appeal Tribunal decisions or by Council.

For clarity, any Development in excess of the height restrictions as shown in Schedule “F” shall be subject to the full calculated Development Charge and only be reduced if there are any credits or exemptions remaining after applying any and all other credits or exemptions to the portion of the building that is within the height restrictions as shown in Schedule “F”.

- b) for each year this By-law is in effect an additional exemption will apply as follows:
- i. a dollar-for-dollar exemption on any remaining Development Charges payable equal to any amount of contribution by the payer of the Development Charges to the Downtown Public Art Reserve in an amount not to exceed ten percent of the Development Charges otherwise payable on the height that is within the height restrictions as shown as Schedule “F”; and
 - ii. (the amount of all exemption provided in Subsection 27(b) shall be limited to \$250,000 annually and any single exemption shall be reduced by the amount it would exceed the \$250,000 limit.

The exemptions in Section 26 and 27 shall not apply in addition to the exemptions in Sections 19, 25 and 29. The exemptions provided in Section 26 and 27 shall only apply if the amount of exemption is greater than that provided under Sections 19, 25 and 29, individually or cumulatively. If the exemptions under Sections 19, 25 and 29 are greater, individually or cumulatively, than that which could be provided under Section 26 and 27, no exemption pursuant to Section 26 and 27 shall apply. For the purpose of this Section, the Residential Use and Non-residential Use portion of a Mixed-Use Development may be viewed as independent of one another and the exemption under this By-law that provides the greatest reduction in Development Charges payable shall be applied to each use.



Other Partial Exemptions

29. Notwithstanding any other provision of this By-law, the Development Charges payable under this By-law respecting the following types of Development will be partially exempt from Development Charges under this By-law in the manner and to the extent set out below:

- a) for any Non-industrial Development other than an expansion, within the boundaries of the CIPAs or BIAs, and for any Office Development other than an expansion anywhere in the City, Development Charges shall be imposed as follows:
 - i. 50% of the applicable Development Charge on the first 5,000 square feet;
 - ii. 75% of the applicable Development Charge for each square foot in excess of 5,000 square feet and under 10,000 square feet;
 - iii. 100% of the applicable Development Charge on the amount of Development exceeding 10,000 square feet.

Where Development has been exempted pursuant to this Subsection, the exemption set out in Subsection (b) below does not apply to any subsequent expansion on such Development.

- b) the initial 5,000 square feet of Gross Floor Area of an Office Development expansion, whether attached or unattached to an existing Office Development, shall be exempted from the payment of Development Charges provided that:
 - i. the office development has not had the exemption in Subsection 29(a) previously applied to it under this By-law;
 - ii. the Office Development has not been the subject of any exemptions or partial exemptions from the payment of Development Charges under any other Development Charges By-laws which are no longer in force;
 - iii. where unattached to an existing Office Development, the expansion must be situated on the same site as the existing Office Development; and,



- iv. where, subsequent to an unattached expansion exempted hereunder, the Lot is further subdivided such that the original existing Office Development and the unattached expansion thereof are no longer situated on the same Lot, further exemptions pursuant to this Section, if any, shall only be calculated on the basis of the Office Development and the Lot as they existed on the date of the first exemption.

- c) Until June 30, 2020 Development of a Student Residence is exempt from 50% of the Development Charge otherwise payable pursuant to this By-law according to the type of Residential Development. After June 30, 2020, no exemption shall be provided for Development of a Student Residence and the Development of a Student Residence will be subject to the payment of Development Charges payable pursuant to this By-law.

- d) Redevelopment of an existing Residential Development for the purpose of creating Residential Facilities or Lodging Houses within the existing building envelope is exempt from 50% of the Development Charge otherwise payable pursuant to this By-law.

- e) Redevelopment of an existing Residential Facility or Lodging House for the purpose of creating additional bedrooms in a Residential facility or Lodging House within the existing building envelope shall be exempt from 50% of the Development Charge payable pursuant to this By-law. Notwithstanding anything else contained in this By-law, save and except Subsection 30(d) and Subsection 31(d), the credit applicable to any such Redevelopment shall be based on 100% of the applicable Residential Facility rate or Lodging House rate in effect at the time of receipt by the Chief Building Official of a complete building permit application for the said redevelopment within the meaning of Section 32 of this By-law.

- f) the Adaptive Reuse of the part of a building on a Protected Heritage Property that contains:
 - i. heritage attributes that are the subject of designation under Part IV of the Ontario Heritage Act;
 - ii. features subject to a Heritage Easement under Part II of the Ontario Heritage Act;



- iii. features subject to a Heritage Easement under Part IV of the Ontario Heritage Act; or
- iv. features subject to a covenant or agreement on title held between the property owner and a conservation authority or level of government in the interest of conserving,

is exempted from Development Charges.

Indexing

The D.C.s imposed shall be adjusted annually in accordance with the Statistics Canada Non-Residential Building Construction Price Index, by type of building (non-residential building) for the City of Toronto, for the most recent year over year period, every July 6th, without amendment to the by-law.

By-law Duration

The by-law will expire on June 13, 2024, unless it is repealed by Council at an earlier date.

Timing of D.C. Payments

D.C.s imposed under the by-law are calculated, payable and collected upon issuance of building permit for the development.

Despite the above, Council from time to time, and at any time, may enter into Agreements providing for all or any part of the D.C. to be paid before or after it would otherwise be payable, in accordance with section 27 of the D.C.A.



Appendix B

Service Standards



TABLE B-1
SUMMARY OF SERVICE STANDARDS AS PER DEVELOPMENT CHARGES ACT, 1997, AS AMENDED
FOR SERVICES REVISED IN THIS 2021 UPDATE STUDY

Service Category	Sub-Component	10 Year Average Service Standard					Maximum Ceiling LOS	Utilized**	Remaining
		Cost (per capita)		Quantity (per capita)		Quality (per capita)			
Public Works Facilities, Fleet & Equipment	Facilities	\$932.16	1.6461	sq.ft. of building area	566	per sq.ft.	80,336,345	27,090,378	53,245,967
	Vehicles and Equipment	\$184.37	0.0023	No. of vehicles and equipment	80,161	per vehicle	15,889,560	14,647,137	1,242,423
Parks and Recreation	Parkland Development	\$441.37	0.0113	Acres of Parkland	39,059	per acre	28,709,353		
	Parkland Amenities	\$579.54	0.0336	No. of parkland amenities	17,248	per amenity	37,696,759		
	Parkland Amenities - Buildings	\$11.98	0.1145	sq.ft. of building area	105	per sq.ft.	779,251	67,552,656	1,085,184
	Parkland Trails	\$22.08	0.0001	Linear Kilometres of Paths and Trails	220,800	per lin m.	1,436,216		
	Parks Vehicles and Equipment	\$0.25	0.0001	No. of vehicles and equipment	5,000	per vehicle	16,262		
	Indoor Recreation Facilities	\$2,957.26	4.2984	sq.ft. of building area	688	per sq.ft.	192,357,934		
	Indoor Recreation Facilities - Buildings Within Parks	\$185.77	0.4261	sq.ft. of building area	436	per sq.ft.	12,083,595	127,262,637	77,213,367
Recreation Vehicles and Equipment	\$0.53	0.0001	No. of vehicles and equipment	5,300	per vehicle	34,474			
Library Services	Library Facilities	\$388.12	0.7253	sq.ft. of building area	535	per sq.ft.	25,245,654		
	Library Vehicles	\$2.36	0.00001	No. of vehicles and equipment	196,667	per vehicle	153,509	28,657,773	981,737
	Library Collection Materials	\$65.19	2.0273	No. of library collection items	32	per collection item	4,240,349		
Ambulance	Ambulance Facilities	\$40.28	0.1278	sq.ft. of building area	315	per sq.ft.	2,620,053	2,319,693	300,360
	Ambulance Vehicles	\$30.26	0.0005	No. of vehicles and equipment	60,520	per vehicle	1,968,292	1,794,600	173,692
Long Term Care	Long-Term Care Facilities	\$301.20	0.6301	sq.ft. of building area	478	per sq.ft.	19,591,855	5,054,786	14,537,069
Housing Services	Housing Services Facilities	\$1,630.65	10.57	sq.ft. of building area	154.21	per sq.ft.	106,067,260	18,835,149	87,232,111
Provincial Offences Administration	Provincial Offences Act - Administration Facilities	\$28.41	0.0557	sq.ft. of building area	510.05	per sq.ft.	1,847,957	1,462,234	385,723
Public Health	Public Health Services - Facilities	\$80.35	0.1976	sq.ft. of building area	407	per sq.ft.	5,226,446		
	Public Health Services - Vehicles	\$0.83	0.000002	No. of vehicles	406,488	per vehicle	53,988	82,598	5,197,836
Child Care and Early Years	Child Care and Early Years - Facilities	\$30.49	0.0717	sq.ft. of building area	425	per sq.ft.	1,983,253	415,379	1,567,873
Waste Diversion	Waste Diversion - Facilities - Stations/Depots	\$275.41	0.7018	sq.ft. of building area	392	per sq.ft.	17,914,319		
	Waste Diversion - Vehicles & Equipment	\$61.59	0.0004	No. of vehicles and equipment	153,975	per vehicle	4,006,183	22,054,910	1,322,622
	Waste Diversion - Carts & Containers	\$22.40	1.5557	No. of items	14	per item	1,457,030		
Parking Services	Municipal Parking Services - Spaces	\$280.98	0.0089	No. of spaces	31,571	per space	18,276,625		
	Municipal Parking Services- Meters	\$4.48	0.0050	No. of Meters	896	per meter	291,406	22,088,228	2,058,798
	Municipal Parking Services- Facilities	\$85.77	0.0592	sq.ft. of building area	1,449	per sq.ft.	5,578,995		
Airport	Airport Lands	\$290.84	0.0029	acres of land	100,290	per sq.ft.	18,917,979	18,729,151	188,828



**City of Hamilton
Service Standard Calculation Sheet**

Service: Parkland Development
Unit Measure: Acres of Parkland

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Value (\$/Acre)
New City of Hamilton (acres)											
City Wide	1,117	1,117	1,148	1,110	1,110	1,110	1,110	1,110	1,098	1,096	\$66,000
Neighbourhood	686	688	689	731	734	742.4	749.8	755.8	762	766	\$64,000
Parkette	73	74	74	66	66	67	67	67	67	69	\$150,000
Community	851	889	889	818	818	818	818	818	820	820	\$55,000
Heritage Parkland	409	409	409	404	404	404	404	404	404	404	\$34,000
Natural Open Space	2,137	2,137	2,052	1,943	1,943	1,943	1,943	1,943	1,956	1,956	\$10,600
General Open Space	185	195	200	217	217	217	217	217	215	215	\$34,000
Parks on Utility Lands	72	72	72	78	78	78	78	78	78	78	\$10,600
Other Utility Lands	119	119	119	81	81	81	81	81	81	81	\$10,600
School Lands	395	381	356	314	314	314	314	314	370	426	\$34,000
Non-City-Owned Lands (not including School Lands, Royal Botanical Garden lands or Conservation Authority Lands that the City maintains as parkland)	159	129	130	88	127	127	127	127	128	128	\$34,000
Leash-Free Dog Areas	-	2	2	41	41	41	41	41	41	43	\$10,600
Total	6,203	6,212	6,140	5,890	5,934	5,943	5,950	5,956	6,020	6,082	

Population	519,949	522,456	526,269	529,038	532,521	536,917	542,430	547,562	553,499	559,561
Per Capita Standard	0.0119	0.0119	0.0117	0.0111	0.0111	0.0111	0.0110	0.0109	0.0109	0.0109

10 Year Average	2011-2020
Quantity Standard	0.0113
Quality Standard	\$39,059
Service Standard	\$441

D.C. Amount (before deductions)	10 Year
Forecast Population	65,046
\$ per Capita	\$441
Eligible Amount	\$28,709,353



**City of Hamilton
Service Standard Calculation Sheet**

Service: Parkland Amenities
Unit Measure: No. of parkland amenities

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Value (\$/item)
Tennis Club Lit	46	46	46	48	48	48	48	48	48	48	\$77,600
Tennis Public Lit	25	25	25	22	22	22	22	22	22	20	\$77,600
Tennis Public Unlit	17	18	23	20	20	20	20	21	20	17	\$50,600
Soccer Class A+ (Lit) - Artificial Turf	1	1	1	1	1	1	1	1	1	1	\$1,200,000
Soccer Class A+ (Lit)	1	1	1	1	1	1	1	1	1	1	\$617,200
Soccer Class A Lit	17	15	15	15	15	15	15	15	15	15	\$285,600
Soccer Class B Lit	9	9	9	8	8	8	8	8	8	9	\$236,100
Soccer Class B Unlit	6	6	8	11	11	11	11	11	11	12	\$199,000
Soccer Class C Unlit	160	161	162	201	201	201	201	201	201	201	\$84,300
Lit Football Fields	3	3	3	4	4	4	5	6	6	6	\$158,500
Unlit Football Fields	2	2	2	2	2	2	2	2	2	2	\$76,400
Hardball Lit (premier diamond)	1	1	1	1	1	1	1	1	1	1	\$363,100
Hardball Lit	15	15	15	15	15	15	15	15	15	15	\$204,600
Hardball Unlit	22	22	21	21	21	21	21	21	21	21	\$88,800
Softball Lit	36	39	40	37	37	37	39	41	41	41	\$204,600
Softball Unlit	139	127	126	121	116	111	106	101	101	101	\$88,800
Tball	39	43	43	42	41	40	39	38	38	38	\$37,100
Batting Cages	12	12	12	12	12	13	16	16	16	16	\$20,000
Lit Bocce Courts	32	32	32	35	35	29	29	29	29	29	\$14,600
Regulation Bocce Courts Lit (min. 2 lanes)	10	10	10	8	8	8	8	8	8	8	\$125,900
Unlit Bocce Courts	7	7	5	2	2	2	2	2	2	2	\$7,900
Basketball Full-court	93	93	93	91	90	89	88	87	82	79	\$51,700
Basketball Half-court	-	-	-	159	159	159	160	160	162	160	\$25,800
Multi-Purpose Court	8	11	13	15	18	21	24	27	36	41	\$64,100
Spray Pads - Community/City Wide	17	17	20	20	21	21	22	26	27	27	\$330,000
Spray Pads - Neighbourhood/Parkette	35	37	38	38	38	37	39	41	42	42	\$250,000
Wading Pools	16	16	15	14	13	11	9	8	8	8	\$59,600
Play Structure - Neighbourhood/Parkette Parks	163	187	190	205	213	221	229	237	258	261	\$105,000
Play Structure - Community/City-wide Parks	62	67	69	71	74	77	80	83	92	92	\$203,400



**City of Hamilton
Service Standard Calculation Sheet**

Service: Parkland Amenities
Unit Measure: No. of parkland amenities

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Value (\$/item)
Play Structure - Other Parks (School, Historical, Open Space)	27	26	27	29	30	31	32	33	34	35	\$85,400
Play Equipment - Community Parks/City-wide Parks	157	157	160	158	158	158	158	158	179	180	\$24,700
Play Equipment - Neighbourhood Parks	402	420	436	432	427	422	417	412	430	436	\$173,100
Play Equipment - Other Parks (School, Historical, Open Space)	81	86	83	72	73	74	75	76	85	87	\$11,200
Natural Playground	-	-	-	4	5	6	7	7	7	7	\$125,000
Accessible Swing Seats	52	74	80	83	90	95	100	108	115	117	\$2,200
Swing Sets, 4 seats	161	163	165	167	169	171	173	175	181	182	\$39,200
Swing Sets, 6 seats	54	56	58	60	61	62	63	64	64	65	\$51,000
Swing Sets, 8 seats	42	43	44	45	46	47	48	49	50	50	\$62,800
Exercise Stations (per fitness station)	33	33	33	33	33	41	46	46	46	46	\$9,165
Skateboard Parks	5	5	5	5	5	5	5	6	6	6	\$870,000
Lawn bowling Greens	10	10	10	4	4	4	4	4	4	4	\$11,200
Horseshoe Pitch	5	3	1	1	1	1	1	1	1	1	\$7,900
Volleyball Courts	5	5	5	20	20	20	20	20	20	20	\$14,600
Shuffleboard Courts	6	6	6	6	6	6	6	6	6	6	\$1,100
Running Tracks	5	6	6	10	10	10	11	11	11	11	\$78,700
Public Beaches within Parks/along Trails	3	3	3	5	5	5	5	5	5	5	\$2,200
Public Boat Launches within Parks	2	2	2	1	1	1	1	1	1	1	\$14,600
Track and Field Amenities:											
High Jump Area	2	2	2	2	2	2	2	2	2	2	\$7,900
Discus Area	3	3	3	3	3	3	3	3	3	3	\$7,900
Long Jump pits	9	9	9	9	9	9	9	9	9	9	\$7,900
Hop Skip Jump area	1	1	1	1	1	1	1	1	1	1	\$7,900
Shot-put/discus	1	1	1	1	1	1	1	1	1	1	\$7,900
Steeplechase waterpit	1	1	1	1	1	1	1	1	1	1	\$11,200
Javelin runway	1	1	1	1	1	1	1	1	1	1	\$7,900
Benches	2,550	2,555	2,560	2,610	2,660	2,710	2,760	2,810	2,860	2,910	\$1,100
Bleachers	274	274	273	277	281	285	289	293	293	298	\$7,900
Display Fountains	7	8	9	11	11	11	11	11	11	11	\$18,000
Drinking Fountains	74	71	68	70	72	74	76	78	84	85	\$50,000
Trash Receptacles	1,314	1,320	1,327	1,377	1,427	1,477	1,527	1,577	1,602	1,627	\$1,100



**City of Hamilton
Service Standard Calculation Sheet**

Service: Parkland Amenities
Unit Measure: No. of parkland amenities

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Value (\$/item)
Lighting Standards	2,250	2,391	2,532	2,557	2,582	2,607	2,632	2,657	2,694	2,700	\$4,500
Bridges - Pedestrian	33	38	42	38	38	38	38	38	38	38	\$61,800
Bridges - Vehicle	15	17	18	13	13	13	13	13	13	13	\$106,800
Gates - Vehicle	113	114	115	117	119	121	123	125	125	127	\$10,700
Gates - Pedestrian	163	161	159	162	165	168	171	174	178	178	\$8,000
Irrigation Systems	55	58	58	60	62	62	64	64	67	72	\$7,900
Band shell (Battlefield Park)	1	1	1	1	1	1	1	1	1	1	\$342,900
Cricket Pitch	2	2	2	2	2	2	2	2	2	3	\$88,800
Cricket Practice Pitch	1	1	1	1	1	1	1	1	1	1	\$45,000
Australian Football Field	1	1	1	1	1	1	1	1	1	1	\$76,400
Viewing Platform	1	1	2	8	8	8	8	8	8	8	\$351,900
Escarpment Stairs	6	6	6	12	12	12	12	12	12	12	\$1,803,300
Outdoor Ice Rink - Naturally Cooled	66	66	66	66	66	66	67	67	67	67	\$98,000
Outdoor Ice Rink - Artificially Cooled	2	2	2	3	3	3	3	3	4	4	\$908,000
Park Signs - Community	87	87	87	88	89	90	91	92	92	93	\$9,500
Park Signs - Internal	609	609	609	614	619	624	629	634	635	637	\$9,200
Park Signs - Neighbourhood	239	240	243	245	245	246	250	250	252	253	\$6,500
Parking - Asphalt - lit (per stall)	9	9	9	1,533	1,583	1,633	1,683	1,733	1,760	1,900	\$5,600
Parking - Asphalt - unlit (per stall)	3,428	3,428	3,428	1,824	1,874	1,924	1,974	2,024	2,024	2,024	\$3,200
Parking - Granular - unlit (per stall)	3,932	3,932	3,932	3,194	3,244	3,294	3,344	3,394	3,394	3,394	\$1,100
Parking - Pervious Concrete - unlit (per stall)	-	22	22	22	22	22	22	22	22	22	\$18,000
Parking - Grasspave - unlit (per stall)	-	140	140	-	-	-	-	-	-	-	\$1,300
Pump Track (BMX/Bike Track) - Gage Park	-	-	-	-	1	1	1	1	1	1	\$111,800
Bob Mackenzie Ball Hockey Court (Roxborough ave)	-	-	-	-	1	1	1	1	1	1	\$148,400



**City of Hamilton
Service Standard Calculation Sheet**

Service: Parkland Amenities
Unit Measure: No. of parkland amenities

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Value (\$/item)
Pickleball Courts	-	-	-	-	-	6	6	6	6	24	\$3,000
Total	17,294	17,693	17,892	17,297	17,609	17,922	18,249	18,563	18,823	19,095	

Population	519,949	522,456	526,269	529,038	532,521	536,917	542,430	547,562	553,499	559,561
Per Capita Standard	0.033	0.034	0.034	0.033	0.033	0.033	0.034	0.034	0.034	0.034

10 Year Average	2011-2020
Quantity Standard	0.0336
Quality Standard	\$17,248
Service Standard	\$580

D.C. Amount (before deductions)	10 Year
Forecast Population	65,046
\$ per Capita	\$580
Eligible Amount	\$37,696,759



**City of Hamilton
Service Standard Calculation Sheet**

Service: Parkland Amenities - Buildings
Unit Measure: sq.ft. of building area

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Building Value (\$/sq.ft.)
Park Amenities (sq.ft.)											
Agro Park - Sun Shelter	-	-	-	-	-	-	400	400	400	400	\$190
Agro Park - Trellis	-	-	-	-	-	-	192	192	192	192	\$324
Alexander Park - Trellis	-	-	-	-	-	-	-	242	242	242	\$485
Allison Neighbourhood Park - Sun Shelter	400	400	400	400	400	400	400	400	400	400	\$176
Beverly Park - Pavilion	1,332	1,332	1,332	1,332	1,332	1,332	1,332	1,332	1,332	1,332	\$68
Birch Avenue Leash-Free Area - Shelter #1	45	45	45	45	45	45	45	45	45	45	\$133
Birch Avenue Leash-Free Area - Shelter #2	45	45	45	45	45	45	45	45	45	45	\$133
Bookjans Park	-	-	-	-	-	-	-	-	210	210	\$376
Broughton Park West - Sun Shelter	-	360	360	360	360	360	360	360	360	360	\$137
Buchanan Park - Sun Shelter	-	-	-	-	522	522	522	522	522	522	\$177
Burkholder Park - Sun Shelter	-	400	400	400	400	400	400	400	400	400	\$175
Carpenter Park - Sun Shelter	-	-	-	-	-	-	383	383	383	383	\$201
Carter Park - Sun Shelter	-	-	-	332	332	332	332	332	332	332	\$238
Caterini Park - Sun Shelter	-	-	-	-	-	-	400	400	400	400	\$153
Centennial Heights Park - Pavilion	1,313	1,313	1,313	1,313	1,313	1,313	1,313	1,313	1,313	1,313	\$68
Chappel Estates Park - Sun Shelter	-	-	388	388	388	388	388	388	388	388	\$128
Churchill Park - Sun Shelters	1,308	1,308	1,308	1,308	1,308	1,308	1,308	1,308	1,308	1,308	\$39
Confederation Beach Park - Edgewater Pavilion	5,756	5,756	5,756	5,756	5,756	5,756	5,756	5,756	5,756	5,756	\$68
Confederation Beach Park - Willow Cove Pavilion	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	\$68
Copetown Lions Park - Pavilion	1,304	1,304	1,304	1,304	1,304	1,304	1,304	1,304	1,304	1,304	\$68
Courtcliffe Park - Picnic Shelter	1,485	1,485	1,485	1,485	1,485	1,485	1,485	1,485	1,485	1,485	\$68
Cranberry Hill Park - Sun Shelter	-	-	-	-	-	-	282	282	282	282	\$253
Creekside Park - Sun Shelter	-	-	-	-	-	488	488	488	488	488	\$151
Dundas Driving Park - Pavilion - 159080	1,097	1,097	1,097	1,097	1,097	1,097	1,097	1,097	1,097	1,097	\$147
Dundas Driving Park - Pavilion - 159665	2,058	2,058	2,058	2,058	2,058	2,058	2,058	2,058	2,058	2,058	\$147
Dundas Driving Park - Trellis	665	665	665	665	665	665	665	665	665	665	\$158
Dundurn Park - Picnic Pavilion	1,336	1,336	1,336	1,336	1,336	1,336	1,336	1,336	1,336	1,336	\$68
Durand Park - Sun Shelter	-	-	-	-	366	366	366	366	366	366	\$244
Durand Park - Trellis	-	-	-	-	180	180	180	180	180	180	\$288
Elmar Park - Sun Shelter	-	-	-	373	373	373	373	373	373	373	\$68



**City of Hamilton
Service Standard Calculation Sheet**

Service: Parkland Amenities - Buildings
Unit Measure: sq.ft. of building area

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Building Value (\$/sq.ft.)
Eringate Park - Sun Shelter	400	400	400	400	400	400	400	400	400	400	\$242
Fair Park (Meadowlands Ph IIX & X) - Sun Shelter	-	-	-	-	-	400	400	400	400	400	\$118
Fairfield Park - Sun Shelter	400	400	400	400	400	400	400	400	400	400	\$129
Fairgrounds Community Park - Picnic Pavilion	1,816	1,816	1,816	1,816	1,816	1,816	1,816	1,816	1,816	1,816	\$226
Fairgrounds Community Park - Sun Shelter	334	334	334	334	334	334	334	334	334	334	\$94
Father Sean O'Sullivan Park - Sun Shelter	-	-	-	380	380	380	380	380	380	380	\$68
Freelton Community Park - Picnic Pavilion	1,220	1,220	1,220	1,220	1,220	1,220	1,220	1,220	1,220	1,220	\$68
Gage Park - Archway (Near Main St)	602	602	602	602	602	602	602	602	602	602	\$68
Gage Park - Band Shell	980	980	980	980	980	980	980	980	980	980	\$199
Gatesbury Sun Shelter	-	-	-	-	-	250	250	4,508	4,508	4,508	\$250
Glanbrook Hills Park - Sun Shelter	-	-	-	-	-	-	-	400	400	400	\$232
Globe Park - Sun Shelter	380	380	380	380	380	380	380	380	380	380	\$68
Hampton Park - Sun Shelter	400	400	400	400	400	400	400	400	400	400	\$118
Heritage Green Dog Park - Sun Shelter	-	-	-	-	-	-	-	-	100	100	\$375
Hill Street Dog Park - Sun Shelter	-	-	-	-	-	-	-	-	100	100	\$375
Honourable Bob McKenzie Park - Sun Shelter	-	-	-	272	272	272	272	272	272	272	\$195
Huntington Park - Sun Shelter	380	380	380	380	380	380	380	380	380	380	\$68
Inch Park - Sun Shelter	-	-	-	-	-	-	-	-	780	780	\$122
Jackson Heights Neighbourhood Park - Sun Shelter	388	388	388	388	388	388	388	388	388	388	\$119
Jerome Neighbourhood Park - Sun Shelter	-	590	590	590	590	590	590	590	590	590	\$108
Joe Sam's Leisure Park - Sun Shelter	-	-	-	-	-	-	-	840	840	840	\$213
John Rebecca Park - Custom Sun Shelter/Pergola	-	-	-	-	-	-	-	-	800	800	\$366
Johnson Tew Park - Sun Shelter	-	-	-	-	-	470	470	470	470	470	\$138
Kennedy East Park - Sun Shelter	380	380	380	380	380	380	380	380	380	380	\$68
Kings Forest Golf Club - Pavilion A	199	199	199	199	199	199	199	199	199	199	\$68
Kings Forest Golf Club - Sun Shelter	315	315	315	315	315	315	315	315	315	315	\$68
Kinsmen Park - Picnic Shelter	-	-	-	747	747	747	747	747	747	747	\$68
Kopperfield Park - Sun Shelter	-	-	-	-	400	400	400	400	400	400	\$185
Laidman Park - Sun Shelter	400	400	400	400	400	400	400	400	400	400	\$138
Lake Pointe Park - Sun Shelter	360	360	360	360	360	360	360	360	360	360	\$68
Lake Vista Park - Sun Shelter	360	360	360	360	360	360	360	360	360	360	\$200
Lynden Legion Park - Picnic Pavilion	337	337	337	337	337	337	337	337	337	337	\$68



**City of Hamilton
Service Standard Calculation Sheet**

Service: Parkland Amenities - Buildings
Unit Measure: sq.ft. of building area

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Building Value (\$/sq.ft.)
Lynden Lions South Park - Picnic Pavilion	-	-	-	864	864	864	864	864	864	864	\$68
McClaren Park - Shade Structure	-	-	-	-	-	225	225	225	225	225	\$90
Mohawk Sports Park - First Base Dugout	366	366	366	366	366	366	366	366	366	366	\$54
Mohawk Sports Park - Third Base Dugout	366	366	366	366	366	366	366	366	366	366	\$54
Montgomery Park - Pavilion	381	381	381	381	381	381	381	381	381	381	\$68
Montgomery Park - Sun Shelter	260	260	260	260	260	260	260	260	260	260	\$68
Moorland Park - Sun Shelter	400	400	400	400	400	400	400	400	400	400	\$175
Mount Hope Park - Sun Shelter	-	-	-	-	-	-	-	724	724	724	\$175
Mount Lions Park - Sun Shelter Pavilion	380	380	380	380	380	380	380	380	380	380	\$147
Newlands Park - Sun Shelter	274	274	274	274	274	274	274	274	274	274	\$275
North Central Community Park - Sun Shelter	416	416	416	416	416	416	416	416	416	416	\$116
Peace Memorial Park - Trellis	1,314	1,314	1,314	1,314	1,314	1,314	1,314	1,314	1,314	1,314	\$78
Perth Park - Sun Shelter	-	-	-	-	232	232	232	232	232	232	\$329
Pier 4 Park - Pavilion/Sun Shelter At Water's Edge	-	-	-	795	795	795	795	795	795	795	\$68
Pine Ridge Park - Sun Shelter	300	300	300	300	300	300	300	300	300	300	\$290
Pipeline (Geraldine Copps) Parkette - Shade Structure	-	-	-	-	-	-	180	180	180	180	\$375
Powell Park - Sun Shelter	380	380	380	380	380	380	380	380	380	380	\$68
Red Hill Summit East Park - Sun Shelter	-	-	400	400	400	400	400	400	400	400	\$143
Richwill Park - Sun Shelter	354	354	354	354	354	354	354	354	354	354	\$68
Robert E. Wade Ancaster Community Park - Sun Shelter	784	784	784	784	784	784	784	784	784	784	\$130
Sackville Park - Bocce Sun Shelter	105	105	105	105	105	105	105	105	105	105	\$68
Sam Lawrence Park - Pavilion	1,675	1,675	1,675	1,675	1,675	1,675	1,675	1,675	1,675	1,675	\$68
Sam Manson Park - Sun Shelter	-	-	400	400	400	400	400	400	400	400	\$113
Seabreeze Park - Sun Shelter	-	400	400	400	400	400	400	400	400	400	\$152
Sheffield Ball Park - Pavilion	580	580	580	580	580	580	580	580	580	580	\$68
Southampton Estates Park - Sun Shelter	400	400	400	400	400	400	400	400	400	400	\$168
Southbrook Park - Sun Shelter	340	340	340	340	340	340	340	340	340	340	\$258
Strabane Community Park - Pavilion	880	880	880	880	880	880	880	880	880	880	\$68
Summerlea West Park - Sun Shelter	-	278	278	278	278	278	278	278	278	278	\$190



**City of Hamilton
Service Standard Calculation Sheet**

Service: Parkland Amenities - Buildings
Unit Measure: sq.ft. of building area

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Building Value (\$/sq.ft.)
Summit Park - Sun Shelter	400	400	400	400	400	400	400	400	400	400	\$224
Summit Parkette - Sun Shelter	-	-	-	-	-	-	-	-	256	256	\$215
Templemead Park - Sun Shelter	560	560	560	560	560	560	560	560	560	560	\$68
Tiffany Hills (Ancaster Meadows) Park - Sun Shelter	-	-	-	-	-	-	-	-	256	256	\$210
Trenholme Park - Pavilion	394	394	394	394	394	394	394	394	394	394	\$68
Valens Park - Picnic Pavilion	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	\$68
Valley Park - Pavilion	1,660	1,660	1,660	1,660	1,660	1,660	1,660	1,660	1,660	1,660	\$68
Vincent Massey - Sun Shelter	-	-	-	-	-	400	400	400	400	400	\$133
Waterdown Memorial Park - Picnic Pavilion	1,342	1,342	1,342	1,342	1,342	1,342	1,342	1,342	1,342	1,342	\$68
Westover Community Park - Picnic Pavilion	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	\$68
William Connell Park - Trellis	-	-	-	-	-	-	-	660	660	660	\$118
William Mcculloch - Pavilion	365	365	365	365	365	365	365	365	365	365	\$68
William Schwenger Park - Sun Shelter	-	278	278	278	278	278	278	278	278	278	\$201
Winona Park - Picnic Pavilion	1,750	1,750	1,750	1,750	1,750	1,750	1,750	1,750	1,750	1,750	\$68
Winona Park - Trellis	-	300	300	300	300	300	300	300	300	300	\$246
Woolverton Park - Pavilion	-	-	-	366	366	366	366	366	366	366	\$68
York Road Parkette (Kaga Corner) - Sun Shelter	270	270	270	270	270	270	270	270	270	270	\$68
Total	49,945	52,551	53,739	57,867	59,567	61,800	63,637	70,761	73,263	73,263	

Population	519,949	522,456	526,269	529,038	532,521	536,917	542,430	547,562	553,499	559,561
Per Capita Standard	0.096	0.101	0.102	0.109	0.112	0.115	0.117	0.129	0.132	0.131

10 Year Average	2011-2020
Quantity Standard	0.1145
Quality Standard	\$105
Service Standard	\$12

D.C. Amount (before deductions)	10 Year
Forecast Population	65,046
\$ per Capita	\$12
Eligible Amount	\$779,251



**City of Hamilton
Service Standard Calculation Sheet**

Service: Parkland Trails
Unit Measure: Linear Kilometres of Paths and Trails

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Value (\$/km)
Recreational Trails (km):											
Escarpment Rail Trail (Tar & Chip - unlit)	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	\$227,200
Cootes Drive Path (asphalt - unlit)	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	\$129,000
Chedoke Radial Trail (part asphalt - part gravel)	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	\$96,700
Red Hill Valley Recreational Trails (tar & chip - unlit)	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	\$89,500
Desjardins Recreational Trail (gravel - unlit)	3.40	3.40	3.40	3.40	3.40	3.40	3.40	3.40	3.40	3.40	\$242,600
Hamilton Harbour Waterfront Trail (asphalt - lit - extra wide)	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	\$242,600
Hamilton Harbour Waterfront Trail Extension (asphalt - lit - extra wide)	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	\$138,600
Escarpment Rail Trail Extension (asphalt - unlit)	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	\$170,400
Waterdown Wetlands Recreational Trail (asphalt & boardwalk - unlit)	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	\$73,300
Waterdown Wetlands Secondary Trails (screenings - until)	4.20	4.20	4.20	4.20	4.20	4.20	4.20	4.20	4.20	4.20	\$227,200
Hamilton Beach Recreational Trail (asphalt - lit - extra wide)	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	\$242,600
Macassa Bay Walkway (asphalt - lit)	1.48	1.48	1.48	1.48	1.48	1.48	1.48	1.48	1.48	1.48	\$173,200
Bayfront Park Pathway (asphalt - lit)	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	\$242,600
Pier 4 Park Pathway (asphalt - lit)	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	\$119,300
Red Hill Valley Trail, (granular - unlit)	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	\$170,400
East Hamilton Trail and Waterfront Link (asphalt - unlit)	3.50	3.50	4.80	4.80	4.80	4.80	4.80	4.80	4.80	4.80	\$154,600
East Mountain Trail Loop (asphalt - unlit)	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	\$117,800
Borer's Creek Trail (Initiative 15-1 Recreational Trails Plan)	-	-	-	-	-	-	0.40	0.40	0.40	0.40	\$1,062,000
Pine Ridge Trail	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	\$185,700
Kay Drage Park Trail	-	-	-	-	-	-	-	0.30	0.30	0.30	\$84,300
Confederation Park - Stoney Creek Pond Trail	-	-	-	-	0.36	0.36	0.36	0.36	0.36	0.36	\$496,800
Green Millen Shore Estates Shoreline Trail (4m wide limestone screening)	-	-	-	-	0.31	0.31	0.31	0.31	0.31	0.31	\$194,400
Green Millen Shore Estates Shoreline Trail (2m wide limestone screening)	-	-	-	-	0.07	0.07	0.07	0.07	0.07	0.07	\$78,600



**City of Hamilton
Service Standard Calculation Sheet**

Service: Parkland Trails
Unit Measure: Linear Kilometres of Paths and Trails

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Value (\$/km)
Green Millen Shore Estates Shoreline Trail (4m wide asphalt)	-	-	-	-	0.71	0.71	0.71	0.71	0.71	0.71	\$229,600
Green Millen Shore Estates Shoreline Trail (3m wide asphalt)	-	-	-	-	0.31	0.31	0.31	0.31	0.31	0.31	\$179,100
Green Millen Shore Estates Shoreline Trail (1.8m wide boardwalk)	-	-	-	-	0.04	0.04	0.04	0.04	0.04	0.04	\$2,647,700
Heritage Green Trail	-	-	-	-	-	-	-	-	-	0.58	\$534,000
Shrewsbury Trail	-	-	-	-	0.09	0.09	0.09	0.09	0.09	0.09	\$246,600
Ryckman Parks Trail	-	-	-	-	0.29	0.29	0.29	0.29	0.29	0.29	\$219,100
Olmsted Trail	-	-	-	-	-	0.37	0.37	0.37	0.37	0.37	\$246,600
Shaver Estates Trail	-	-	-	-	-	-	-	0.38	0.38	0.38	\$1,194,400
Recreational Multi-Use Pathways (km):											
Park Corridor (asphalt & gravel - unlit)	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	\$171,100
Ancaster Radial Right of Way (gravel - unlit)	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	\$170,400
Stoney Creek Multi-Use Path (asphalt - unlit)	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	\$47,800
Spencer Creek Trail (natural footpath - unlit)	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	\$104,000
Pipeline Walkway (asphalt - lit)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	\$2,372,200
Pier 7 & 8 Boardwalk	-	-	-	-	-	0.18	0.18	0.18	0.18	0.18	\$4,655,800
Total	58.13	58.13	59.43	59.43	61.61	62.16	62.56	63.24	63.24	63.82	

Population	519,949	522,456	526,269	529,038	532,521	536,917	542,430	547,562	553,499	559,561
Per Capita Standard	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001

10 Year Average	2011-2020
Quantity Standard	0.0001
Quality Standard	\$220,800
Service Standard	\$22

D.C. Amount (before deductions)	10 Year
Forecast Population	65,046
\$ per Capita	\$22
Eligible Amount	\$1,436,216



**City of Hamilton
Service Standard Calculation Sheet**

Service: Parks Vehicles and Equipment
Unit Measure: No. of vehicles and equipment

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Value (\$/Vehicle)
Fertilizer Spreader	6	6	6	6	6	6	6	6	6	6	\$5,200
Aerator	5	5	5	5	5	5	5	5	5	5	\$7,300
Topdresser/box scraper	7	7	7	7	7	7	7	7	7	7	\$4,200
Rototiller	9	9	9	9	9	9	9	9	9	9	\$4,200
Total	27	27	27	27	27	27	27	27	27	27	

Population	519,949	522,456	526,269	529,038	532,521	536,917	542,430	547,562	553,499	559,561
Per Capita Standard	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005

10 Year Average	2011-2020
Quantity Standard	0.00005
Quality Standard	\$5,000
Service Standard	\$0.25

D.C. Amount (before deductions)	10 Year
Forecast Population	65,046
\$ per Capita	\$0.25
Eligible Amount	\$16,262



City of Hamilton
Service Standard Calculation Sheet

Service: Indoor Recreation Facilities
Unit Measure: sq.ft. of building area

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Building Value (\$/sq.ft.)	Value/ft ² with land, site works, etc.
City of Hamilton												
Simone Hall (Formerly Old Beasley Community Centre) - 133 Wilson St	2,456	2,456	2,456	2,456	2,456	2,456	2,456	2,456	2,456	2,456	\$337	\$398
Beasley Community Centre - 145 Wilson St. - in partnership w/ HWDSB and retained ownership of old Beasley Community Centre	6,157	6,157	6,157	6,157	6,157	6,157	6,157	6,157	6,157	6,157	\$337	\$398
Bennetto Recreation Centre - 450 Hughson St. N.	25,836	25,836	25,836	25,836	25,836	25,836	25,836	25,836	25,836	25,836	\$433	\$504
Central Memorial Recreation Centre - 93 West Ave. S.	22,364	22,364	22,364	22,364	22,364	22,364	22,364	22,364	22,364	22,364	\$335	\$396
Dalewood Recreation Centre - 1150 Main St. W.	12,946	12,946	12,946	12,946	12,946	12,946	12,946	12,946	12,946	12,946	\$428	\$498
Kiwanis Boys and Girls Club - 45 Ellis St.	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000	\$404	\$472
Hill Park Recreation Centre - 465 East 16th St.	16,685	16,685	16,685	16,685	16,685	16,685	16,685	16,685	16,685	16,685	\$433	\$504
Huntington Park Recreation Centre - 87 Brentwood Dr.	29,681	29,681	29,681	29,681	29,681	29,681	29,681	29,681	29,681	29,681	\$388	\$454
Norman Pinky Lewis Recreation Centre - 192 Wentworth St. N.	35,333	35,333	35,333	35,333	35,333	35,333	35,333	35,333	35,333	35,333	\$506	\$584
Ryerson Recreation Centre - 247 Duke St.	27,847	27,847	27,847	27,847	27,847	27,847	27,847	27,847	27,847	27,847	\$238	\$289
Sir Allan MacNab - 145 Magnolia Dr.	30,597	30,597	30,597	30,597	30,597	30,597	30,597	30,597	30,597	30,597	\$385	\$451
Sir Wilfrid Laurier Recreation Centre - 60 Albright Rd.	16,617	16,617	16,617	16,617	16,617	16,617	16,617	16,617	16,617	16,617	\$467	\$541
Sir Winston Churchill Recreation Centre - 1715 Main St. E.	12,414	12,414	12,414	12,414	12,414	12,414	12,414	12,414	12,414	12,414	\$436	\$507
Westmount Recreation Centre (New) - 35 Lynbrook Dr.	-	51,938	51,938	51,938	51,938	51,938	51,938	51,938	51,938	51,938	\$558	\$642
Riverdale Community Centre (new) - 150 Violet Dr.	16,401	16,401	16,401	16,401	16,401	16,401	16,401	16,401	16,401	16,401	\$351	\$413
Jimmy Thompson Pool - 1099 King St. E.	23,129	23,129	23,129	23,129	23,129	23,129	23,129	23,129	23,129	23,129	\$411	\$480
Eastwood Arena - 111 Burlington St. E.	27,096	27,096	27,096	27,096	27,096	27,096	27,096	27,096	27,096	27,096	\$357	\$420
Scott Park Arena - 876 Cannon St. E.	23,950	23,950	23,950	23,950	-	-	-	-	-	-	\$338	\$399
Bill Friday Lawfield Arena - 150 Folkstone Rd. (formerly Lawfield Arena).	31,183	31,183	31,183	31,183	31,183	31,183	31,183	31,183	31,183	31,183	\$330	\$390
Coronation Arena - 81 Macklin St. N.	27,727	27,727	27,727	27,727	27,727	27,727	27,727	27,727	27,727	27,727	\$334	\$395
Chedoke Twin Pad - 91 Chedmac Dr.	99,522	99,522	99,522	99,522	99,522	99,522	99,522	99,522	99,522	99,522	\$274	\$328
Parkdale Arena (Pat Quinn) - 1770 Main St. E.	34,600	34,600	34,600	34,600	34,600	34,600	34,600	34,600	34,600	34,600	\$353	\$416
Inch Park Arena - 400 Queensdale Ave.	34,500	34,500	34,500	34,500	34,500	34,500	34,500	34,500	34,500	34,500	\$280	\$335
Mountain Arena and Skating Arena (Twin Pad - Dave Anderchck) - 25-55 Hester St.	80,755	80,755	80,755	80,755	80,755	80,755	80,755	80,755	80,755	80,755	\$302	\$359
Rosedale Arena - 100 Greenhill Ave.	38,072	38,072	38,072	38,072	38,072	38,072	38,072	38,072	38,072	38,072	\$354	\$417
Mohawk 4 Arena - 710 Mountain Brow Blvd.	136,000	136,000	136,000	136,000	136,000	136,000	136,000	136,000	136,000	136,000	\$274	\$328
Birge Outdoor Pool - 167 Birge St.	7,061	7,061	7,061	7,061	7,061	1,832	1,832	1,832	1,832	1,832	\$378	\$443
Parkdale Outdoor Pool - 1770 Main St. E.	4,252	4,252	4,252	4,252	4,252	4,252	4,252	4,252	4,252	4,252	\$241	\$292
Rosedale Outdoor Pool - 60 Greenhill Ave.	2,501	2,501	2,501	2,501	2,501	2,501	2,501	2,501	2,501	2,501	\$646	\$739
Victoria Outdoor Pool - 100 Strathcona	5,897	5,897	5,897	5,897	5,897	5,897	5,897	5,897	5,897	5,897	\$251	\$303
Chedoke Outdoor Pool - 500 Bendamere	2,480	2,480	2,480	2,480	2,480	2,480	2,480	2,480	2,480	2,480	\$604	\$692
Walker Outdoor Pool - 180 Diconzo Dr.	3,703	3,703	3,703	3,703	3,703	3,703	3,703	3,703	3,703	3,703	\$571	\$656
Inch Park Outdoor Pool - 400 Queensdale Ave.	4,252	4,252	4,252	4,252	4,252	4,252	4,252	4,252	4,252	4,252	\$525	\$605
Coronation Outdoor Pool - 81 Macklin St. N.	4,252	4,252	4,252	4,252	4,252	4,252	4,252	4,252	4,252	4,252	\$525	\$605



**City of Hamilton
Service Standard Calculation Sheet**

Service: Indoor Recreation Facilities
Unit Measure: sq.ft. of building area

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Building Value (\$/sq.ft.)	Value/ft ² with land, site works, etc.
Chedoke Golf, Club House - 565 Aberdeen Ave.	11,443	11,443	11,443	11,443	11,443	11,443	11,443	11,443	11,443	11,443	\$261	\$314
Chedoke Golf, Pro Shop - 565 Aberdeen Ave.	2,974	2,974	2,974	2,974	2,974	2,974	2,974	2,974	2,974	2,974	\$368	\$432
Kings Forest Golf Clubhouse - 100 Greenhill Ave.	13,454	13,454	13,454	13,454	13,454	13,454	13,454	13,454	13,454	13,454	\$332	\$392
Ivor Wynne Stadium, Grandstands & Press Box - 75 Balsam Ave. N.	128,675	128,675	-	-	-	-	-	-	-	-	\$1,585	\$1,774
Tim Horton's Field	-	-	-	-	327,148	327,148	327,148	327,148	327,148	327,148	\$443	\$515
Churchill Fields Lawn Bowling (167 Cline N) - 167 Cline N.	4,568	4,568	4,568	4,568	4,568	4,568	4,568	4,568	4,568	4,568	\$225	\$274
Hamilton Tennis Club (257 Duke at HAAA Park)	7,064	7,064	7,064	7,064	7,064	7,064	7,064	7,064	7,064	7,064	\$380	\$445
Rosedale Tennis Club (Within Gage Park)	2,210	2,210	2,210	2,210	2,210	2,210	2,210	2,210	2,210	2,210	\$225	\$274
Rosedale Lawn Bowling (Within Gage Park) - 1000 Main St. E.	4,018	4,018	4,018	4,018	4,018	4,018	4,018	4,018	4,018	4,018	\$225	\$274
Gage Park Greenhouse #1/Tropical - 1000 Main St. E.	3,363	3,363	3,363	3,363	3,363	3,363	3,363	3,363	14,068	37,868	\$178	\$202
Gage Park Horticulture/Staff Bldg. - 1000 Main St. E.	6,271	6,271	6,271	6,271	6,271	6,271	6,271	6,271	6,271	6,271	\$235	\$733
Sackville Hill Senior Centre (780 Upper Wentworth)	24,452	24,452	24,452	24,452	24,452	24,452	24,452	24,452	24,452	24,452	\$357	\$420
Turner Park YMCA (Community Centre, Pool)	59,490	59,490	59,490	59,490	59,490	59,490	59,490	59,490	59,490	59,490	\$413	\$463
YWCA - Hamilton Seniors' Active Living Centre (75 MacNab St. S. - basement level)	7,529	7,529	7,529	7,529	7,529	7,529	7,529	7,529	7,529	7,529	\$167	\$211
YWCA - Ottawa St. Seniors Leisure Centre - 52 & 66 Ottawa St. N. (In two Buildings)	5,220	5,220	5,220	5,220	5,220	5,220	5,220	5,220	-	-	\$167	\$211
Main Hess Senior Centre (181 Main St. W. - 3rd Floor)	10,930	10,930	10,930	10,930	10,930	10,930	10,930	10,930	10,930	10,930	\$357	\$420
Lister Block	16,285	16,285	16,285	16,285	16,285	16,285	16,285	16,285	16,285	16,285	\$382	\$448
Stoney Creek												
H.G./Brewster Pool - 200 Dewitt Rd.	11,764	11,764	11,764	11,764	11,764	11,764	11,764	11,764	11,764	11,764	\$13,226	\$14,608
Green Acres Outdoor Pool - 90 Randall Ave	9,451	9,451	9,451	9,451	9,451	9,451	9,451	9,451	9,451	9,451	\$10,625	\$11,740
Stoney Creek Arena - 37 King St. W.	29,279	29,279	29,279	29,279	29,279	29,279	29,279	29,279	29,279	29,279	\$427	\$497
Salfleet Arena - 24 Sherwood Park Rd.	24,977	24,977	24,977	24,977	24,977	24,977	24,977	24,977	24,977	24,977	\$397	\$464
Optimist Club Community Centre - 890 Queenston	4,772	4,772	4,772	4,772	4,772	4,772	4,772	4,772	4,772	4,772	\$160	\$203
Stoney Creek Tennis Club (at Little League Park) - 880 Queenston Rd.	2,357	2,357	2,357	2,357	2,357	2,357	2,357	2,357	2,357	2,357	\$154	\$196
Valley Park Community Centre/Aquatic Centre - 970 Paramount Dr	35,362	35,362	35,362	35,362	35,362	35,362	35,362	35,362	35,362	35,362	\$299	\$356
Valley Park Tennis Club - 970 Paramount Dr.	1,690	1,690	1,690	1,690	1,690	1,690	1,690	1,690	1,690	1,690	\$165	\$208
Valley Park Arena - 970 Paramount Dr.	35,587	35,587	35,587	35,587	35,587	35,587	35,587	35,587	35,587	35,587	\$422	\$492
Fruitland Community Centre (Lion's Club) (14 Sherwood Park Rd)	5,047	5,047	5,047	5,047	5,047	5,047	5,047	5,047	5,047	5,047	\$234	\$284
Winona Scout Hall (Ward 11)	2,142	2,142	2,142	2,142	2,142	2,142	2,142	2,142	2,142	2,142	\$378	\$443
Winona Public School purchased for temporary community centre (facilities data)	-	-	-	-	-	33,480	33,480	33,480	33,480	33,480	\$370	\$733
Stoney Creek Recreation Centre (New) - 45 King St. W.	-	28,252	28,252	28,252	28,252	28,252	28,252	28,252	28,252	28,252	\$705	\$804
Winona Seniors - 1239 Highway 8 (Ward 11)	4,246	4,246	4,246	4,246	4,246	4,246	4,246	4,246	4,246	4,246	\$413	\$482
Club 60 - 4-6 King St. W.	3,568	3,568	3,568	3,568	3,568	3,568	3,568	3,568	3,568	3,568	\$358	\$421



**City of Hamilton
Service Standard Calculation Sheet**

Service: Indoor Recreation Facilities
Unit Measure: sq.ft. of building area

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Building Value (\$/sq.ft.)	Value/ft ² with land, site works, etc.
Kiwanis Club (former police building) - 200 Jones Rd. (Also called Fruitland Community Centre)	6,860	6,860	6,860	6,860	6,860	6,860	6,860	6,860	6,860	6,860	\$363	\$427
Stoney Creek Alliance Church/Community Centre (Saltfleet Community)	28,991	28,991	28,991	28,991	28,991	28,991	28,991	28,991	28,991	28,991	\$48	\$79
Ancaster												
Ancaster Community Centre (Morgan Firestone Arena) - 385 Jerseyville Rd.	92,958	92,958	92,958	92,958	92,958	92,958	92,958	92,958	92,958	92,958	\$456	\$529
Ancaster Community & Rotary Centre - 385 Jerseyville Rd.	44,317	44,317	44,317	44,317	44,317	44,317	44,317	44,317	44,317	44,317	\$250	\$302
Ancaster Senior Achievement Centre - 622 Alberton Rd.	13,858	13,858	13,858	17,335	17,335	17,335	17,335	17,335	17,335	17,335	\$310	\$368
Lawn Bowling Club House - 291 Lodor St.	847	847	847	1,948	1,948	1,948	1,948	1,948	1,948	1,948	\$235	\$285
Community Centre (Old Town Hall) - 310 Wilson St.	3,780	3,780	3,780	3,780	3,780	3,780	3,780	3,780	3,780	3,780	\$284	\$340
Tennis Club House - 291 Lodor St.	1,076	1,076	1,076	791	791	791	791	791	791	791	\$160	\$203
Carluk Community Centre - Carluk Rd.	2,553	2,553	2,553	2,553	2,553	2,553	-	-	-	-	\$278	\$333
Optimist Youth Centre - 237 Manitou Way	3,819	3,819	3,819	3,819	3,819	3,819	3,819	3,819	3,819	3,819	\$288	\$344
Lions (South) Club Building Lynden Park - 4070 Governors Rd.	2,280	2,280	2,280	2,280	2,280	2,280	2,280	2,280	2,280	2,280	\$862	\$977
Copetown & District Lions Community Centre - 1950 Governors Rd.	8,190	8,190	8,190	8,190	8,190	8,190	8,190	8,190	8,190	8,190	\$362	\$425
Lions Club Outdoor Pool - 236 Jerseyville Rd.	3,866	3,866	3,866	3,866	3,866	3,866	3,866	3,866	3,866	3,866	\$708	\$807
Spring Valley Arena - 29 Orchard Drive	25,244	25,244	25,244	25,244	29,621	29,621	29,621	29,621	29,621	29,621	\$377	\$442
Aquatic Centre - 47 Meadowbrook Dr.	15,959	15,959	15,959	15,959	15,959	15,959	15,959	15,959	15,959	15,959	\$17,942	\$19,807
Dundas												
Dundas Outdoor Community Pool - 39 Market St. S.	11,457	-	-	-	-	-	-	-	-	-	\$207	\$255
Dundas Community Pool	10,364	10,364	10,364	10,364	10,364	10,364	10,364	10,364	10,364	10,364	\$614	\$164
Dundas Market Street Arena - Grightmire - 35 Market St. S.	104,578	104,578	104,578	104,578	104,578	104,578	104,578	104,578	104,578	104,578	\$303	\$360
Olympic Arena - Westoby - 88 Olympic Dr.	27,150	27,150	27,150	27,150	27,150	27,150	27,150	27,150	27,150	27,150	\$375	\$440
Dundas Memorial Community Centre - 10 Market St. S.	13,600	13,600	13,600	13,600	13,600	13,600	13,600	13,600	13,600	13,600	\$518	\$597
Valleyfield Community Centre (Nigel Charlong Community Centre) - 287 Old Guelph Rd.	3,780	3,780	3,780	3,780	3,780	3,780	-	-	-	-	\$384	\$450
Dundas Driving Park Outdoor Rink Building - 71 Cross St. (Concession / Washroom / Ice Plant)	2,399	2,399	2,399	2,399	2,399	2,399	2,399	2,399	2,399	2,399	\$707	\$806
Tennis Club Building (Cross St.)	1,745	1,745	1,745	1,745	1,745	1,745	1,745	1,745	1,745	1,745	\$165	\$208
Lawn Bowling Club House (Cross St.)	1,728	1,728	1,728	1,728	1,728	1,728	1,728	1,728	1,728	1,728	\$111	\$149
Glanbrook												
Mt. Hope Hall - 3027 Homestead	7,492	7,492	7,492	7,492	7,492	7,492	7,492	7,492	7,492	7,492	\$190	\$217
Glanbrook Auditorium - 4300 Binbrook Rd	4,810	4,810	4,810	4,810	4,810	4,810	4,810	4,810	4,810	4,810	\$214	\$244
Glanbrook Arena - 4300 Binbrook Road	38,280	38,280	38,280	38,280	38,280	38,280	38,280	38,280	38,280	38,280	\$316	\$356
Binbrook Memorial Hall - 2600 Hwy 56	7,596	7,596	7,596	7,596	7,596	7,596	7,596	7,596	7,596	7,596	\$256	\$309
Woodburn Centennial Hall - 1062 Golf Club Road	2,974	2,974	2,974	2,974	2,974	2,974	2,974	2,974	2,974	2,974	\$334	\$395
Lions Youth Centre - 3027 Homestead Dr.	6,035	6,035	6,035	6,035	6,035	6,035	6,035	6,035	6,035	6,035	\$340	\$383



**City of Hamilton
Service Standard Calculation Sheet**

Service: Indoor Recreation Facilities
Unit Measure: sq.ft. of building area

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Building Value (\$/sq.ft.)	Value/ft ² with land, site works, etc.
Flamborough												
Beverly Arena - 680 Highway 8	32,969	32,969	32,969	32,969	32,969	32,969	32,969	32,969	32,969	32,969	\$392	\$440
Beverly Community Centre - 680 Highway 8	4,630	4,630	4,630	4,630	4,630	4,630	4,630	4,630	4,630	4,630	\$278	\$314
Carlisle Arena - 1496 Centre Rd.	33,062	33,062	33,062	33,062	33,062	33,062	33,062	33,062	33,062	33,062	\$363	\$408
Carlisle Community Centre - 1496 Centre Rd. (Includes Storage / Washroom)	4,900	4,900	4,900	4,900	4,900	4,900	4,900	4,900	4,900	4,900	\$278	\$314
North Wentworth Arena	27,888	-	-	-	-	-	-	-	-	-	\$278	\$333
Harry Howell Arena (Formerly North Wentworth Twin Pad) - 27 Highway 5 W.	-	92,640	92,640	92,640	92,640	92,640	92,640	92,640	92,640	92,640	\$234	\$284
Beverly Township Hall - 795 Old Highway 8	3,995	3,995	3,995	3,995	3,995	3,995	3,995	3,995	3,995	3,995	\$278	\$314
Carlisle Memorial Hall - 273 Carlisle Rd.	4,513	4,513	4,513	4,513	4,513	4,513	4,513	4,513	4,513	4,513	\$334	\$376
Lynden Legion Park - 204 Lynden Rd.	8,400	8,400	8,400	8,400	8,400	8,400	8,400	8,400	8,400	8,400	\$83	\$99
Waterdown Memorial Hall - 317 Dundas St. E.	3,003	3,003	3,003	3,003	3,003	3,003	3,003	3,003	3,003	3,003	\$442	\$514
Millgrove Community Centre - 855 Millgrove Side. Rd.	4,811	4,811	4,811	4,811	4,811	4,811	4,811	4,811	4,811	4,811	\$278	\$314
Mountsberg Hall - 2133 Centre Rd.	1,432	1,432	1,432	1,432	1,432	1,432	1,432	1,432	1,432	1,432	\$334	\$376
Sealy Park Scout Hall - 115 Main St. S.	3,016	3,016	3,016	3,016	3,016	3,016	3,016	3,016	3,016	3,016	\$382	\$448
Sheffield Community Centre - 2339 5th Concession Rd. W.	4,267	4,267	4,267	4,267	4,267	4,267	4,267	4,267	4,267	4,267	\$383	\$449
Greensville Hall - 283 Brock Rd.	2,867	2,867	2,867	2,867	2,867	2,867	2,867	2,867	2,867	2,867	\$411	\$461
Valens Community Centre - 1818 Valens Rd.	3,180	3,180	3,180	3,180	3,180	3,180	3,180	3,180	3,180	3,180	\$278	\$314
Flamborough YMCA (207 Parkside Dr.) (50% City Benefit)	43,000	43,000	43,000	43,000	43,000	43,000	43,000	43,000	43,000	43,000	\$167	\$211
Flamborough Seniors Centre 163 Dundas St. E.	-	-	-	-	-	5,560	5,560	5,560	5,560	5,560	\$400	\$450
Bernie Morelli Recreation Centre (& Senior's Centre) & outdoor rink/splashpad	-	-	-	-	-	-	-	54,010	54,010	54,010	\$479	\$554
Confederation Beach Park & Wild Water Works (10 Facilities)	24,710	24,710	24,710	24,710	24,710	24,710	24,710	24,710	24,710	24,710	\$780	\$887
Confederation Beach Park & Wild Water Works - Park Sheds (13 Facilities)	9,395	9,395	9,395	9,395	9,395	9,395	9,395	9,395	9,395	9,395	\$343	\$405
Confederation Beach Park & Wild Water Works - Admin Building & Main Kiosk	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	\$312	\$370
Confederation Beach Park & Wild Water Works - Workshop	1,290	1,290	1,290	1,290	1,290	1,290	1,290	1,290	1,290	1,290	\$401	\$468
Chedoke Yard, Storage Bldg., 565 Aberdeen Ave.	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	\$101	\$242
Barton Community Hall (Formerly Barton Yard, Carpenter's Shop (125 Barton St. W.))									13,453	13,453	\$401	\$468
Total	2,068,369	2,201,853	2,073,178	2,077,471	2,385,046	2,418,858	2,412,525	2,477,240	2,495,819	2,495,819		
Population	519,949	522,456	526,269	529,038	532,521	536,917	542,430	547,562	553,499	559,561		
Per Capita Standard	3.9780	4.2144	3.9394	3.9269	4.4788	4.5051	4.4476	4.5241	4.5092	4.4603		
10 Year Average	2011-2020											
Quantity Standard	4,2984											
Quality Standard	\$688											
Service Standard	\$2,957											
D.C. Amount (before deductions)	10 Year											
Forecast Population	65,046											
\$ per Capita	\$2,957											
Eligible Amount	\$192,357,934											



**City of Hamilton
Service Standard Calculation Sheet**

Service: Indoor Recreation Facilities - Buildings Within Parks
Unit Measure: sq.ft. of building area

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Building Value (\$/sq.ft.)
Park Amenities (sq.ft.)											
Alexander Park - Washroom / Concession / Storage	1,954	1,954	1,954	1,954	1,954	1,954	1,954	1,954	1,954	1,954	\$780
Cathedral Park - Field House / Washrooms / Storage	1,475	1,475	1,475	1,475	1,475	1,475	1,475	1,475	1,475	1,475	\$780
Highland Gardens Park - Block Storage Hut	124	124	124	124	124	124	124	124	-	-	\$1,400
Escarpment Ward 1 - Utility Structure Associated With C.S.O. Tank Above Chedoke	282	282	282	282	282	282	282	282	282	282	\$638
Bayfront Park - Concession	693	693	693	693	693	693	693	693	693	693	\$147
Bayfront Park - Public Works Storage Building	1,398	1,398	1,398	1,398	1,398	1,398	1,398	1,398	1,398	1,398	\$90
Bayfront Park - Storage Building West Of Yacht Club	455	455	455	455	455	455	455	455	455	455	\$147
Bayfront Park - Washroom At Parking Lot With Roof Top Lookout	2,600	2,600	2,600	2,600	2,600	2,600	2,600	2,600	2,600	2,600	\$780
Bayfront Park - Yacht Club Building	3,813	3,813	3,813	3,813	3,813	3,813	3,813	3,813	3,813	3,813	\$191
Broughton Park East - Sunshelter With Storage Building	671	671	671	671	671	671	671	671	671	671	\$147
Jack C. Beemer Park Washroom & Concession	-	-	-	2,000	2,000	2,000	2,000	2,000	2,000	2,000	\$780
Carter Park - Washrooms / Storage	333	333	333	333	333	333	333	333	333	333	\$780
Central Park - Block Building With Concession Area & Shelter	695	695	695	695	695	695	695	695	695	695	\$147
Corktown Park - Washrooms / Storage	1,546	1,546	1,546	1,546	1,546	1,546	1,546	1,546	1,546	1,546	\$780
Eastwood Park- Concession	2,777	2,777	2,777	2,777	2,777	2,777	2,777	2,777	2,777	2,777	\$147
Ferguson Ave Shelter - Pavilion	4,205	4,205	4,205	4,205	4,205	4,205	4,205	4,205	4,205	4,205	\$147
Jackie Washington Rotary Park - Washrooms / Concession	678	678	678	678	678	678	678	678	678	678	\$147
Pier 4 Park - Gartshore - Thomson Building	1,975	1,975	1,975	1,975	1,975	1,975	1,975	1,975	1,975	1,975	\$212
Shamrock Park - Storage	156	156	156	156	156	156	156	156	156	156	\$147
Belview Park - Utility Building For Spray Pad And Supie	365	365	365	365	365	365	365	365	365	365	\$355
Lucy Day Park - Storage/Utility/Washroom	351	351	351	351	351	351	351	351	351	351	\$355



**City of Hamilton
Service Standard Calculation Sheet**

Service: Indoor Recreation Facilities - Buildings Within Parks
Unit Measure: sq.ft. of building area

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Building Value (\$/sq.ft.)
Myrtle Park - Pavilion/Storage	1,160	1,160	1,160	1,160	1,160	1,160	1,160	1,160	1,160	1,160	\$147
Powell Park - Washrooms, Small Meeting Space, Storage	4,305	4,305	4,305	4,305	4,305	4,305	4,305	4,305	4,305	4,305	\$147
Woodlands Park - Concession / Washrooms	2,495	2,495	2,495	2,495	2,495	2,495	2,495	2,495	2,495	2,495	\$780
Andrew Warburton Memorial Park - Storage/Utility Building With Sun Shelter	688	688	688	688	688	688	688	688	688	688	\$147
Globe Park - Storages	424	424	424	424	424	424	424	424	-	-	\$90
Globe Park - Washrooms / Changerooms	1,765	1,765	1,765	1,765	1,765	1,765	1,765	1,765	-	-	\$780
Mahony Park - Storage For Batting Cage	139	139	139	139	139	139	139	139	-	-	\$90
Mahony Park - Washrooms	2,941	2,941	2,941	2,941	2,941	2,941	2,941	2,941	2,941	2,941	\$780
Montgomery Park - Washroom / Storage / Concession	2,788	2,788	2,788	2,788	2,788	2,788	3,770	3,770	3,770	3,770	\$780
Normanhurst Community Centre	2,885	2,885	2,885	2,885	2,885	2,885	2,885	-	-	-	\$459
Roxborough Park - Washroom / Storage / Concession	1,184	1,184	1,184	1,184	1,184	1,184	1,184	1,184	1,184	1,184	\$780
St. Christopher's Park - Storage With Sunshelter	652	652	652	652	652	652	652	652	652	652	\$147
Woodward Park - Washroom / Sun Shelter	667	667	667	667	667	667	667	667	667	667	\$780
Buchanan Park - Storage	125	125	125	125	125	125	125	125	125	125	\$147
Buchanan Park - Washroom And Changeroom Facility	1,959	1,959	1,959	1,959	1,959	1,959	1,959	1,959	1,959	1,959	\$780
Gilkson Park - Small Storage Next To Playground	274	274	274	274	274	274	274	274	274	274	\$90
Gilkson Park - Small Utility Shed Next To Ball Diamond At Street	100	100	100	100	100	100	100	100	100	100	\$90
Gilkson Park - Washrooms And Utility For Spray Pad	1,234	1,234	1,234	1,234	1,234	1,234	1,234	1,234	1,234	1,234	\$780
Gourley Park - Washroom / Storage / Concession	1,377	1,377	1,377	1,377	1,377	1,377	1,377	1,377	1,377	1,377	\$780
Mountview Park - Storage / Pavilion	557	557	557	557	557	557	557	557	557	557	\$147



**City of Hamilton
Service Standard Calculation Sheet**

Service: Indoor Recreation Facilities - Buildings Within Parks
Unit Measure: sq.ft. of building area

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Building Value (\$/sq.ft.)
Scenic Parkette - Storage	1,129	1,129	1,129	1,129	1,129	1,129	1,129	1,129	1,129	1,129	\$147
Shawinigan Park - Storage And Sunshelter	684	684	684	684	684	684	684	684	684	684	\$147
William Mcculloch Park - Change / Washroom	372	372	372	372	372	372	372	372	372	372	\$780
William Mcculloch Park - Storage	224	224	224	224	224	224	224	224	224	224	\$90
Veevers Park - Sunshelter With Storage Building	671	671	671	671	671	671	671	671	671	671	\$147
Sam Manson Park - Washroom / Storage Building	3,250	3,250	3,250	3,250	3,250	3,250	3,250	3,250	3,250	3,250	\$780
Rosedale Park - Bocce / Small Building / Baseball Storage And Field House	-	-	-	5,699	5,699	5,699	5,699	5,699	5,699	5,699	\$139
Rosedale Park - Utility Bldg For Cso Tank	990	990	990	990	990	990	990	990	990	990	\$147
Rosedale Park - Utility Bldg For New Cso Tank Behind Arena	-	-	-	879	879	879	879	879	879	879	\$147
Father Sean O'Sullivan Park - Bocce Storage Shed	-	-	-	100	100	100	100	100	100	100	\$90
Father Sean O'Sullivan Park - Water Chamber Structure	-	-	-	72	72	72	72	72	72	72	\$147
Glendale Park - Spray Pad Utility Building / Storage	683	683	683	683	683	683	683	683	683	683	\$147
Beach Strip Open Space - Washroom Utility Building For Trail System	1,827	1,827	1,827	1,827	1,827	1,827	1,827	1,827	728	728	\$780
Billy Sherring Park - Sunshelter Washroom Building	1,405	1,405	1,405	1,405	1,405	1,405	1,405	1,405	1,405	1,405	\$780
Bruce Park - Washrooms / Changerooms	1,903	1,903	1,903	1,903	1,903	1,903	1,903	1,903	1,903	1,903	\$780
Eastmount Community Centre	2,413	2,413	2,413	2,413	2,413	2,413	2,413	2,413	2,413	2,413	\$511
Eleanor Park - Washroom / Storage / Utility	688	688	688	688	688	688	688	688	688	688	\$780
Elmar Park - Park Water Chamber Bldg	-	-	-	72	72	72	72	72	72	72	\$199
Macassa Park - Washroom / Storage	4,075	4,075	4,075	4,075	4,075	4,075	4,075	4,075	4,075	4,075	\$780



**City of Hamilton
Service Standard Calculation Sheet**

Service: Indoor Recreation Facilities - Buildings Within Parks
Unit Measure: sq.ft. of building area

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Building Value (\$/sq.ft.)
Sackville Hill Memorial Park - Bocce Storage Shed	150	150	150	150	150	150	150	150	150	150	\$90
Sackville Hill Memorial Park - Changeroom / Washrooms / Parks Staff Area	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	\$780
Sackville Hill Memorial Park - Garbage Storage (Associated with Facility & Park Services)	400	400	400	400	400	400	400	400	400	400	\$68
Sackville Hill Memorial Park - Storage Garage Used By Parks	500	500	500	500	500	500	500	500	500	500	\$147
T.B. Mcquesten Park - Storage / Washroom / Utility	4,336	4,336	4,336	4,336	4,336	4,336	4,336	4,336	4,336	4,336	\$780
William Schwenger Washroom	-	-	-	-	-	-	-	800	800	800	\$780
Trieste Bocce Club - Bocce Court	3,500	3,500	3,500	3,500	3,500	3,500	3,500	3,500	3,500	3,500	\$147
Trieste Bocce Club - Clubhouse	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	\$147
William Connell Park Buildings (2: 1 public washroom & 1 fieldhouse building with showers & changerooms)	-	-	-	-	-	-	-	7,000	2,860	2,860	\$431
Mohawk Sports Park - Bernie Arbour Stadium / Changerooms / Concessions / Washrooms	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	5,095	5,095	\$355
Mohawk Sports Park - Building B - Rugby Field House / Changerooms / Washrooms	2,784	2,784	2,784	2,784	2,784	2,784	2,784	2,784	2,784	2,784	\$780
Mohawk Sports Park - Building C - Small Parks Utility Building Behind The Soccer Field House	1,711	1,711	1,711	1,711	1,711	1,711	1,711	1,711	1,711	1,711	\$355
Mohawk Sports Park - Building D - Track And Field Entrance Building	6,545	6,545	6,545	6,545	6,545	6,545	6,545	6,545	6,545	6,545	\$147
Mohawk Sports Park - Small Storage Structure Adjacent To Scorer's Booth	143	143	143	143	143	143	143	143	143	143	\$147
Mohawk Sports Park - Small Structure Next To Rugby Building	158	158	158	158	158	158	158	158	158	158	\$90



**City of Hamilton
Service Standard Calculation Sheet**

Service: Indoor Recreation Facilities - Buildings Within Parks
Unit Measure: sq.ft. of building area

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Building Value (\$/sq.ft.)
Mohawk Sports Park - Soccer Field House Building / Storage For Parks	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	\$212
Mohawk Sports Park - Storage - Most Southerly Building Between 2 Ball Diamonds	243	243	243	243	243	243	243	243	243	243	\$90
Mohawk Sports Park - Storage / Office Space	1,565	1,565	1,565	1,565	1,565	1,565	1,565	1,565	1,565	1,565	\$147
Berrisfield Park - Utility Building For Spray Pad And Supie	688	688	688	688	688	688	688	688	688	688	\$251
Bobby Kerr Park - Storage - 3 Structures Side By Side	383	383	383	383	383	383	383	383	383	383	\$147
New Bobby Kerr Washroom Building	-	-	-	-	-	-	900	900	900	900	\$780
Highview Park - Storage Shed	63	63	63	63	63	63	63	63	63	63	\$90
Lisgar Park - Bocce Building	-	-	-	765	765	765	765	765	765	765	\$147
Lisgar Park - Sun Shelter / Storage / Utility / Washrooms	690	690	690	690	690	690	690	690	690	690	\$147
Mountain Drive Park - Washrooms / Storage	2,152	2,152	2,152	2,152	2,152	2,152	2,152	2,152	2,152	2,152	\$780
Templemead Park - Storage	138	138	138	138	138	138	138	138	138	138	\$90
Trenholme - Splashpad Equipment Building	-	50	50	50	50	50	50	50	50	50	\$251
Trenholme Park - Bocce Storage Shed	302	302	302	302	302	302	302	302	302	302	\$90
Trenholme Park - Public Washrooms	-	-	-	-	-	-	852	852	852	852	\$780
Victoria Park - Washroom / Concession At South End Of Park (Also secondary storage building near baseball diamond)	1,982	1,982	1,982	1,982	1,982	1,982	1,982	1,982	1,982	1,982	\$780
Chedoke Golf - Golf Shelter - 113753	198	198	198	198	198	198	198	198	198	198	\$68
Chedoke Golf - Storage - 110526	1,217	1,217	1,217	1,217	1,217	1,217	1,217	1,217	1,217	1,217	\$90
Chedoke Golf - Storage - 111373	130	130	130	130	130	130	130	130	130	130	\$147
Chedoke Golf - Storage - 111427	771	771	771	771	771	771	771	771	771	771	\$147
Chedoke Golf - Storage - 121640	195	195	195	195	195	195	195	195	195	195	\$147
Chedoke Golf - Storage - 124650	435	435	435	435	435	435	435	435	435	435	\$147
Chedoke Golf - Washrooms - 114305	548	548	548	548	548	548	548	548	548	548	\$780



**City of Hamilton
Service Standard Calculation Sheet**

Service: Indoor Recreation Facilities - Buildings Within Parks
Unit Measure: sq.ft. of building area

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Building Value (\$/sq.ft.)
Chedoke Golf - Washrooms - 126793	724	724	724	724	724	724	724	724	724	724	\$780
Chedoke Golf - Washrooms / Storage - 125141	396	396	396	396	396	396	396	396	396	396	\$780
Kings Forest Golf Club - Maintenance Building	6,474	6,474	6,474	6,474	6,474	6,474	6,474	6,474	6,474	6,474	\$296
Kings Forest Golf Club - Storage / Office	1,211	1,211	1,211	1,211	1,211	1,211	1,211	1,211	1,211	1,211	\$90
Kings Forest Golf Club - Storage Quonset	2,084	2,084	2,084	2,084	2,084	2,084	2,084	2,084	2,084	2,084	\$90
Churchill Park - Cricket Club's Storage Buildings (2)	271	271	271	271	271	271	271	271	271	271	\$147
Churchill Park - Garden Shed	138	138	138	138	138	138	138	138	138	138	\$147
Churchill Park - Small Storage Shed To East Of Main Building	182	182	182	182	182	182	182	182	182	182	\$147
Churchill Park - Storage Shed	110	110	110	110	110	110	110	110	-	-	\$147
Churchill Park - Washroom / Changeroom	857	857	857	857	857	857	857	857	857	857	\$780
HAAA - Field House/Changeroom/Washrooms	5,356	5,356	5,356	5,356	5,356	5,356	5,356	5,356	5,356	5,356	\$780
HAAA - Shelter For Tennis Court Area	265	265	265	265	265	265	265	265	265	265	\$276
Rosedale Tennis - Small Entrance Structure Attached To Tennis Bubble	205	205	205	205	205	205	205	205	-	-	\$276
Rosedale Tennis Club Bubble Structure	23,065	23,065	23,065	23,065	23,065	23,065	23,065	23,065	23,065	23,065	\$75
Gage Park - 2 Storage Bldgs, 1 Concrete Stucco And 1 Block	202	202	202	202	202	202	202	202	202	202	\$147
Gage Park - New Baseball Changeroom Building By Parking Lot	867	867	867	867	867	867	867	867	867	867	\$147
Gage Park - Small Building South Of Baseball Change Rooms	158	158	158	158	158	158	158	158	158	158	\$90
Gage Park - Small Storage Shed Next To Lawn Bowling Club House	194	194	194	194	194	194	194	194	194	194	\$90
Gage Park - Small Structure North Of Tennis Courts	342	342	342	342	342	342	342	342	342	342	\$147
Gage Park - Washroom, Utility Building For Wading Pool And Spray Pad	480	480	480	480	480	480	480	480	480	480	\$780
Gage Park - Band Shell Washrooms / Storage	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	\$780
Turner Park - Washrooms	-	-	900	900	900	900	900	1,800	2,250	2,250	\$780
Sam Manson Park - Bocce Storage Building	-	-	-	-	-	-	100	100	100	100	\$91



**City of Hamilton
Service Standard Calculation Sheet**

Service: Indoor Recreation Facilities - Buildings Within Parks
Unit Measure: sq.ft. of building area

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Building Value (\$/sq.ft.)
Sam Manson Park - Bocce Club House Building	-	-	-	-	-	-	1,350	1,350	1,350	1,350	\$780
Riverdale East Park Bocce Storage Building - 135 Vittorito Ave. (St. Agnes Bocce Storage Bldg)	312	312	312	312	312	312	312	312	310	310	\$91
Glen Castle Park Bocce Storage Building - 30 Glen Castle Dr.	100	100	100	100	100	100	100	100	126	126	\$91
Dave Andreychuk Mountain Arena Bocce Storage Building - 25 Hester St.	190	190	190	190	190	190	190	190	190	190	\$91
Winona Park - Picnic Pavilion In Woods Area (Ward 11)	1,723	1,723	1,723	1,723	1,723	1,723	1,723	1,723	1,723	1,723	\$68
Winona Park - Storage	630	630	630	630	630	630	630	630	630	630	\$147
Battlefield Park - Washroom / Concession	3,350	3,350	3,350	3,350	3,350	3,350	3,350	3,350	3,350	3,350	\$780
Eastdale Park - Bocce / Washroom / Storage	-	-	-	580	580	580	580	580	580	580	\$780
Ferris Park - Bocce Club Bldg	-	-	-	592	592	592	592	592	592	592	\$780
Heritage Green Community Sports Park - Parks Works Building	396	396	396	396	396	396	396	396	396	396	\$251
Heritage Green Community Sports Park - Washrooms / Storage / Utilities	-	-	-	5,213	5,213	5,213	5,213	5,213	5,213	5,213	\$780
Little League Park - Storage	499	499	499	499	499	499	499	499	499	499	\$147
Little League Park - Tennis Club House (Stoney Creek) Stoney Creek Tennis Club House	2,274	2,274	2,274	2,274	2,274	2,274	2,274	2,274	2,274	2,274	\$147
Maplewood Park - Storage/Washroom	141	141	141	141	141	141	141	141	355	355	\$147
Memorial Park - Bocce Building (87 Glen Cannon Dr.)	-	-	-	560	560	560	560	560	560	560	\$147
Stoney Creek Storage Building & Workshop (77 King St. West at Battlefield Park)	875	875	875	875	875	875	875	875	875	875	\$296
Valley Park - Washroom / Changeroom	1,075	1,075	1,075	1,075	1,075	1,075	1,075	1,075	1,075	1,075	\$780
Ancaster Little League Park Fieldhouse (Washroom / Storage / Concession)	1,099	1,099	1,099	1,099	1,099	1,099	1,099	1,099	1,099	1,099	\$780
Ancaster Community Centre Park Fieldhouse (Washroom / Maintenance / Storage / Concession)	1,112	1,112	1,112	1,112	1,112	1,112	1,112	1,112	1,112	1,112	\$780



**City of Hamilton
Service Standard Calculation Sheet**

Service: Indoor Recreation Facilities - Buildings Within Parks
Unit Measure: sq.ft. of building area

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Building Value (\$/sq.ft.)
Small Storage (Village Green) - 291 Lodor St.	118	118	118	118	118	118	118	118	118	118	\$91
Dundas Driving Park - Baseball Washroom/Concession	1,279	1,279	1,279	1,279	1,279	1,279	1,279	1,279	1,279	1,279	\$780
Dundas Driving Park - Pavilion - 160003	1,225	1,225	1,225	1,225	1,225	1,225	1,225	1,225	1,225	1,225	\$147
Dundas Driving Park - Splash Pad Utility	-	206	206	206	206	206	206	206	206	206	\$147
Dundas Driving Park - Washroom Small Storage Structure	105	105	105	105	105	105	105	105	105	105	\$780
Edwards Park - Storage / Concession	809	809	809	809	809	809	809	809	809	809	\$199
Martino Memorial Park - Washrooms And Changerooms	930	930	930	930	930	930	930	930	930	930	\$780
Martino Memorial Park - Washrooms And Concession Booth	1,832	1,832	1,832	1,832	1,832	1,832	1,832	1,832	1,832	1,832	\$780
Sanctuary Park - Washrooms (may possibly be closed most seasons)	700	700	700	700	700	700	700	700	700	700	\$780
Veterans Park - Storage / Concession	1,205	1,205	1,205	1,205	1,205	1,205	1,205	1,205	1,205	1,205	\$199
Binbrook Park - Ball Park Washroom	250	250	250	250	250	250	250	250	250	250	\$780
Glanbrook Sports Park - Concession / Washrooms	505	505	505	505	505	505	505	505	505	505	\$780
Woodburn Ball Park - Concession / Washroom	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	\$780
Flamborough Centre Park - Garage / Washroom / Concession	436	436	436	436	436	436	436	436	-	-	\$780
Freelton Community Park - Outdoor rink / Washrooms	-	-	-	-	-	3,240	3,240	3,240	3,240	3,240	\$1,147
Freelton Community Park - Storage	120	120	120	120	120	120	120	120	120	120	\$90
Freelton Community Park - Storage Building #2	120	120	120	120	120	120	120	120	120	120	\$147
Gatesbury Park - Washrooms (operationally closed)	700	700	700	700	700	700	700	700	700	700	\$780
Joe Sam's Leisure Park - Washroom And Storage / Snack Bar	1,795	1,795	1,795	1,795	1,795	1,795	1,795	1,795	1,795	1,795	\$780
Lynden Lions South Park - Lions Community Hall	2,280	2,280	2,280	2,280	2,280	2,280	2,280	2,280	2,280	2,280	\$417



**City of Hamilton
Service Standard Calculation Sheet**

Service: Indoor Recreation Facilities - Buildings Within Parks
Unit Measure: sq.ft. of building area

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Building Value (\$/sq.ft.)
Lynden Lions South Park - Washroom/Concession North End Of Park	1,167	1,167	1,167	1,167	1,167	1,167	1,167	1,167	1,167	1,167	\$780
Millgrove Park - Pavilion / Concession	1,680	1,680	1,680	1,680	1,680	1,680	1,680	1,680	1,680	1,680	\$120
Millgrove Park - Small Storage / Washroom Between The Diamonds	280	280	280	280	280	280	280	280	280	280	\$780
Millgrove Park - Washrooms	436	436	436	436	436	436	436	436	436	436	\$780
Sheffield Ball Park - Concession / Shelter	1,161	1,161	1,161	1,161	1,161	1,161	1,161	1,161	1,161	1,161	\$199
Strabane Community Park - Washroom / Concession / Storage	900	900	900	900	900	900	900	900	900	900	\$780
Tower Park - Storage	140	140	140	140	140	140	140	140	140	140	\$147
Waterdown Memorial Park - Storage Shed	88	88	88	88	88	88	88	88	88	88	\$90
Waterdown Memorial Park & Ice Loop- Washroom / Storage / Utility For Ice Plant and Spraypad	-	-	-	1,610	1,610	1,610	1,610	1,610	1,610	1,610	\$1,938
Carlisle Memorial Park - Storage For Grass Cutting Equipment	632	632	632	632	632	632	632	632	632	632	\$147
Carlisle Memorial Park - Washroom Building East Of The Storage Garage	155	155	155	155	155	155	155	155	155	155	\$780
Centennial Heights Park - 2nd. Flr Concession Booth / Lower Level Washrooms / Utility Room	528	528	528	528	528	528	528	528	528	528	\$780
Bullocks Corner Park - Storage / Concession	280	280	280	280	280	280	280	280	280	280	\$120
Bullocks Corner Park - Washroom / Storage And Utility Building	1,367	1,367	1,367	1,367	1,367	1,367	1,367	1,367	1,367	1,367	\$780
Beverly Park - Concession - Located South West Corner Of Parking Lot	600	600	600	600	600	600	600	600	600	600	\$199
Beverly Park - Football Portable Changeroom North Building	817	817	817	817	817	817	817	817	-	-	\$199



**City of Hamilton
Service Standard Calculation Sheet**

Service: Indoor Recreation Facilities - Buildings Within Parks
Unit Measure: sq.ft. of building area

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Building Value (\$/sq.ft.)
Beverly Park - Football Portable Changeroom South Building	831	831	831	831	831	831	831	831	-	-	\$199
Beverly Park - Storage Garage At Entrance To Park	2,664	2,664	2,664	2,664	2,664	2,664	2,664	2,664	2,663	2,663	\$199
Beverly Park - Tennis Clubhouse	605	605	605	605	605	605	605	605	-	-	\$142
Beverly Park - Washrooms - Located North West Corner Of Parking Lot	300	300	300	300	300	300	300	300	300	300	\$780
Total	211,823	212,079	212,979	231,121	231,121	234,361	238,545	244,360	236,447	236,447	

Population	519,949	522,456	526,269	529,038	532,521	536,917	542,430	547,562	553,499	559,561
Per Capita Standard	0.407	0.406	0.405	0.437	0.434	0.437	0.440	0.446	0.427	0.423

10 Year Average	2011-2020
Quantity Standard	0.4261
Quality Standard	\$436
Service Standard	\$186

D.C. Amount (before deductions)	10 Year
Forecast Population	65,046
\$ per Capita	\$186
Eligible Amount	\$12,083,595



**City of Hamilton
Service Standard Calculation Sheet**

Service: Recreation Vehicles and Equipment

Unit Measure: No. of vehicles and equipment

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Value (\$/Vehicle)
140A - Ice Edger	15	17	19	20	20	21	21	21	23	23	\$3,700
Snow Blower	13	13	15	15	15	16	18	18	18	18	\$1,200
Clark Focus 11	2	2	3	3	3	3	3	3	3	3	\$8,400
Clark Focus L20	-	-	-	1	1	3	3	3	3	3	\$8,400
Micro Mag 20-D	1	1	2	2	2	2	2	2	2	2	\$8,400
Magnum 34-D Scrubber	-	1	1	1	1	1	1	1	2	2	\$8,400
Magnum 26-D Scrubber	-	1	1	1	1	1	1	1	1	1	\$8,400
Nobles	-	-	-	1	1	1	1	1	1	1	\$8,400
Nobles Speed Scrub	-	-	1	2	2	3	3	3	3	3	\$8,400
Nobles SS3	-	-	-	1	1	1	1	1	1	1	\$8,400
Numatic International	-	-	-	1	1	1	1	1	1	1	\$8,400
Speed Scrubber 1701 Plus	1	1	1	1	1	1	1	1	1	1	\$8,400
Tomcat 2000	2	2	2	2	2	2	2	2	2	2	\$8,400
Tomcat 2300 Version 3.0	1	1	1	1	1	1	1	1	1	1	\$8,400
Tomcat 20-D	1	1	1	1	1	1	1	1	1	1	\$8,400
Tomcat 26-D	1	1	1	1	1	1	1	1	1	1	\$8,400
Tomcat Mini Mag 21-2500	1	1	1	1	1	1	1	1	1	1	\$8,400
Tomcat Mini Mag 26-D	2	2	2	2	2	2	2	2	1	1	\$8,400
Tomcat Magnum 34D	-	1	1	1	1	1	1	1	1	1	\$8,400
Viper	-	-	-	1	1	1	1	1	1	1	\$8,400
Total	40	45	52	59	59	64	66	66	68	68	

Population	519,949	522,456	526,269	529,038	532,521	536,917	542,430	547,562	553,499	559,561
Per Capita Standard	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010

10 Year Average	2011-2020
Quantity Standard	0.0001
Quality Standard	\$5,300
Service Standard	\$0.53

D.C. Amount (before deductions)	10 Year
Forecast Population	65,046
\$ per Capita	\$0.53
Eligible Amount	\$34,474



**City of Hamilton
Service Standard Calculation Sheet**

Service: Library Facilities
Unit Measure: sq.ft. of building area

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Building Value (\$/sq.ft.)
Hamilton											
Central - 55 York Blvd.	185,978	185,978	185,978	185,978	185,978	185,978	185,978	185,978	185,978	185,978	\$316
Barton - 571 Barton St. E.	7,612	7,612	7,612	7,612	7,612	7,612	7,612	7,612	7,612	7,612	\$426
Concession - 565 Concession St.	8,316	8,316	8,316	8,316	8,316	8,316	8,316	8,316	8,316	8,316	\$426
Kenilworth - 103 Kenilworth Ave.	7,960	7,960	7,960	7,960	7,960	7,960	7,960	7,960	7,960	7,960	\$426
Locke - 285 Locke St. S.	1,486	1,486	1,486	1,486	1,486	1,486	1,486	1,486	1,486	1,486	\$426
Red Hill - 695 Queenston Rd.	11,760	11,760	11,760	11,760	11,760	11,760	11,760	11,760	11,760	11,760	\$316
Sherwood - 467 Upper Ottawa	20,400	20,400	20,400	20,400	20,400	20,400	20,400	20,400	20,400	20,400	\$316
Terryberry - 100 Mohawk Rd. E.	28,109	28,109	28,109	28,109	28,109	28,109	28,109	28,109	28,109	28,109	\$316
Westdale - 955 King St. W.	10,277	10,277	10,277	10,277	10,277	10,277	10,277	10,277	10,277	10,277	\$316
Turner Park Library - 352 Rymal Rd. E.	24,116	24,116	24,116	24,116	24,116	24,116	24,116	24,116	24,116	24,116	\$316
Stoney Creek											
Stoney Creek Town Hall Library - 777 Highway 8	15,739	11,365	11,365	11,365	11,365	11,365	11,365	11,365	11,365	11,365	\$316
Saltfleet Library - 131 Gray Rd.	15,645	15,645	11,573	11,573	11,573	11,573	11,573	11,573	11,573	11,573	\$316
Valley Park Library - 970 Paramount Dr.	2,976	2,976	2,976	2,976	2,976	2,976	2,976	2,976	2,976	2,976	\$426
Ancaster											
Library (300 Wilson St. East)	13,153	13,153	13,153	13,153	13,153	13,153	13,153	13,153	13,153	13,153	\$316
Dundas											
Dundas Public Library (Ogilvie St.)	13,712	13,712	13,712	13,712	13,712	13,712	13,712	13,712	13,712	13,712	\$316
Glanbrook											
Mount Hope - 3027 Homestead Dr.	2,631	2,631	2,631	2,631	2,631	2,631	2,631	2,631	2,631	2,631	\$426
Binbrook - 2641 Highway 56	2,958	2,958	2,958	2,958	2,958	2,958	2,958	5,977	5,977	5,977	\$426



**City of Hamilton
Service Standard Calculation Sheet**

Service: Library Facilities
Unit Measure: sq.ft. of building area

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Building Value (\$/sq.ft.)	Value/ft ² with land, site works, etc.
Flamborough												
Waterdown - 25 Mill St. N.	3,637	3,637	3,637	3,637	-	-	-	-	-	-	\$426	\$674
Waterdown - 163 Dundas St E	-	-	-	-	17,813	17,813	17,813	17,813	17,813	17,813	\$316	\$517
Greenville - 59 Kirby Ave.	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	\$426	\$655
Freelton - 1803 Brock Rd.	1,946	1,946	1,946	1,946	1,946	1,946	1,946	1,946	1,946	1,946	\$426	\$655
Carlisle - 1496 Centre Rd.	2,379	2,379	2,379	2,379	2,379	2,379	2,379	2,379	2,379	2,379	\$426	\$655
Rockton - 795 Old Highway 8	778	778	-	-	-	-	-	-	-	-	\$426	\$655
Millgrove - 857 Millgrove Side Rd.	1,672	1,672	1,672	1,672	-	-	-	-	-	-	\$426	\$655
Lynden - 79 Lynden Rd.	900	900	900	-	-	-	-	-	-	-	\$426	\$655
Lynden - 110 Lynden Rd.	-	-	-	4,000	4,000	4,000	4,000	4,000	4,000	4,000	\$426	\$655
Total	386,639	382,265	377,415	380,515	393,019	393,019	393,019	396,038	396,038	396,038		

Population	519,949	522,456	526,269	529,038	532,521	536,917	542,430	547,562	553,499	559,561
Per Capita Standard	0.7436	0.7317	0.7172	0.7193	0.7380	0.7320	0.7246	0.7233	0.7155	0.7078

10 Year Average	2011-2020
Quantity Standard	0.7253
Quality Standard	\$535
Service Standard	\$388

D.C. Amount (before deductions)	10 Year
Forecast Population	65,046
\$ per Capita	\$388
Eligible Amount	\$25,245,654



**City of Hamilton
Service Standard Calculation Sheet**

Service: Library Vehicles
Unit Measure: No. of library collection items

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Value (\$/item)
Bookmobile	2	2	2	2	2	2	2	2	2	2	\$550,000
022-VAN 1/2 T	2	2	2	2	2	2	2	2	2	2	\$41,800
023-VAN 3/4 T	1	1	1	1	1	1	1	-	-	-	\$41,800
Ford E-450 Style Truck & Body	-	-	-	-	-	-	-	2	2	2	\$55,000
Genie Boom	-	-	-	-	-	1	1	1	1	1	\$20,400
Skyjack	-	-	-	-	-	1	1	1	1	1	\$20,400
Total	5	5	5	5	5	7	7	8	8	8	

Population	519,949	522,456	526,269	529,038	532,521	536,917	542,430	547,562	553,499	559,561
Per Capita Standard	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00002	0.00001	0.00001

10 Year Average	2011-2020
Quantity Standard	0.00001
Quality Standard	\$196,667
Service Standard	\$2

D.C. Amount (before deductions)	10 Year
Forecast Population	65,046
\$ per Capita	\$2
Eligible Amount	\$153,509



**City of Hamilton
Service Standard Calculation Sheet**

Service: Library Collection Materials
Unit Measure: No. of library collection items

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Value (\$/item)
Books - Adult	478,540	441,166	440,537	399,516	409,508	370,450	389,122	407,794	408,066	427,528	\$34
Books - Teen	41,992	38,728	41,458	29,140	22,201	19,147	20,770	22,393	35,821	37,215	\$23
Books - Children	141,740	258,520	254,288	238,459	234,284	213,686	154,283	213,686	246,235	252,936	\$24
Audio Books - Adult	10,953	8,084	7,606	17,348	10,133	12,949	15,765	18,581	18,515	18,759	\$49
Audio Books - Children	2,328	3,289	3,493	817	814	616	551	486	3,605	3,592	\$34
Accessible Materials	6,249	15,482	12,405	19,729	19,231	20,211	15,459	17,835	19,707	21,113	\$34
Periodicals	74,517	72,706	78,389	83,696	83,735	67,651	61,948	56,245	66,125	65,187	\$9
CDs	53,012	55,817	58,621	57,455	71,204	64,666	63,104	61,542	46,120	46,440	\$16
DVDs	110,511	134,895	143,434	134,335	133,975	124,457	130,293	136,129	137,995	132,933	\$24
Blurays	4,368	8,888	12,806	15,336	15,349	16,175	17,779	19,383	19,341	18,639	\$33
Video Game - Adult & Teen	1,023	1,968	2,413	2,266	2,179	2,344	1,909	1,474	1,177	1,047	\$74
Video Game - Children	455	1,566	2,143	2,308	2,245	2,284	2,169	2,054	1,703	1,605	\$72
eBooks	6,254	18,342	60,316	63,636	96,733	102,128	102,790	103,452	109,268	115,889	\$64
eAudiobook	4,116	5,871	6,621	10,066	15,301	16,154	16,259	16,364	20,231	29,265	\$133
eMagazines	-	-	5,733	19,535	20,568	21,601	22,454	23,307	25,203	26,999	\$25
Databases	27	21	51	50	45	24	24	24	23	23	\$32,353
Total	936,085	1,065,343	1,130,314	1,093,692	1,137,505	1,054,543	1,014,679	1,100,749	1,159,135	1,199,170	

Population	519,949	522,456	526,269	529,038	532,521	536,917	542,430	547,562	553,499	559,561
Per Capita Standard	1.80	2.04	2.15	2.07	2.14	1.96	1.87	2.01	2.09	2.14

10 Year Average	2011-2020
Quantity Standard	2.0273
Quality Standard	\$32
Service Standard	\$65

D.C. Amount (before deductions)	10 Year
Forecast Population	65,046
\$ per Capita	\$65
Eligible Amount	\$4,240,349



**City of Hamilton
Service Standard Calculation Sheet**

Service: Ambulance Services - Facilities
Unit Measure: sq.ft. of building area

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Building Value (\$/sq.ft.)	Value/ft ² with land, site works, etc.
Station #1 - 35 - 43 John Street North	1,700	1,700	1,700	1,700	3,787	3,787	3,787	3,787	3,787	3,787	\$221	\$270
Station #3 Ambulance, 965 Garth St.	1,887	1,887	1,887	1,887	1,887	1,887	1,887	1,887	1,887	1,887	\$287	\$343
Station #4 Ambulance, 729 Upper Sherman	3,867	3,867	3,867	3,867	3,867	3,867	3,867	3,867	3,867	3,867	\$256	\$309
Station #7 Ambulance, 225 Quigley Rd.	1,038	1,038	1,038	1,038	1,038	1,038	1,038	1,038	1,038	1,038	\$297	\$354
Station #9 Ambulance, 125 Kenilworth Ave. N.	1,435	1,435	1,435	1,435	1,435	1,435	1,435	1,435	1,435	1,435	\$256	\$309
Station #10 Ambulance, Norfolk Ave.	1,364	1,364	1,364	1,364	1,364	1,364	1,364	1,364	1,364	1,364	\$282	\$337
Station #12 Ambulance, 199 Highway 8 Stoney Creek	2,983	2,983	2,983	2,983	2,983	2,983	2,983	2,983	2,983	2,983	\$234	\$284
Station #15 Ambulance, 415 Arvin Ave.	2,519	2,519	2,519	2,519	2,519	2,519	2,519	2,519	2,519	2,519	\$284	\$340
Station #17 Ambulance, 363 Isaac Brock St.	1,140	1,140	1,140	1,140	1,140	1,140	1,140	1,140	1,140	1,140	\$284	\$340
Station #18 Ambulance, 2636 (2640) Highway 56 Binbrook	2,737	2,737	2,737	2,737	2,737	2,737	2,737	2,737	803	803	\$247	\$299
Station #19 Ambulance, 3302 Homestead Rd.	1,483	1,483	1,483	1,483	1,483	1,483	1,483	1,483	1,483	1,483	\$307	\$346
Station #20 Ambulance, 365 Wilson St. W.	1,996	1,996	1,996	1,996	1,996	1,996	1,996	1,996	1,996	1,996	\$323	\$383
Station #21 Ambulance, Garner Rd., Ancaster	3,124	3,124	3,124	3,124	3,124	3,124	3,124	3,124	3,124	3,124	\$256	\$309
Station #23 Ambulance, Memorial Square	2,836	2,836	2,836	2,836	2,836	2,836	2,836	2,836	2,836	2,836	\$250	\$302
Station #24 Ambulance, 265 Parkside Dr.	2,098	2,098	2,098	2,098	2,098	2,098	2,098	2,098	2,098	2,098	\$422	\$492
Station #25 Ambulance, 361 Old Brock Rd.	878	878	878	878	878	878	878	878	2,020	2,020	\$254	\$306
Station #26 Ambulance, Lynden	1,204	1,204	1,204	1,204	1,204	1,204	1,204	1,204	1,204	1,204	\$254	\$288
Station #30 Ambulance, 489 Victoria Ave. N.	18,558	18,558	18,558	18,558	18,558	18,558	18,558	18,558	18,558	18,558	\$226	\$276
Station #32 Ambulance, 1000 Limeridge Rd.	7,060	7,060	7,060	7,060	7,060	7,060	7,060	7,060	7,060	7,060	\$260	\$313
Stoney Creek Mountain Training Facility (Shared Building B)	8,091	8,091	8,091	8,091	7,280	7,280	7,280	7,280	7,280	7,280	\$316	\$364
Total	67,996	67,996	67,996	67,996	69,272	69,272	69,272	69,272	68,481	68,481		

Population	519,949	522,456	526,269	529,038	532,521	536,917	542,430	547,562	553,499	559,561
Per Capita Standard	0.1308	0.1301	0.1292	0.1285	0.1301	0.1290	0.1277	0.1265	0.1237	0.1224

10 Year Average	2011-2020
Quantity Standard	0.1278
Quality Standard	\$315
Service Standard	\$40

D.C. Amount (before deductions)	10 Year
Forecast Population	65,046
\$ per Capita	\$40
Eligible Amount	\$2,620,053



City of Hamilton
Service Standard Calculation Sheet

Service: Ambulance Services - Vehicles & Equipment
Unit Measure: No. of vehicles and equipment

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Value (\$/Vehicle)
Emergency Support Unit	2	2	2	2	2	2	2	2	2	1	\$88,200
Emergency Support Unit 2	-	-	-	-	-	-	-	-	-	1	\$196,100
Defibrillators	52	52	65	65	65	65	65	65	66	67	\$34,300
Vehicle Equipment	93	93	93	93	93	93	93	93	93	94	\$6,100
Ambulances	31	31	32	36	37	41	41	41	41	42	\$268,000
Stryker Power Stretchers	-	-	-	-	2	50	50	50	51	52	\$22,400
Emergency Response Vehicles	16	17	19	19	16	17	17	17	17	17	\$112,700
Transport Van	-	-	-	-	3	3	3	3	3	3	\$63,700
Stryker Power Load Systems	-	-	-	-	2	40	40	40	41	42	\$26,500
Specialized Training Simulator Equipment	2	2	2	2	2	2	2	2	2	2	\$98,000
Paramedic Gear	12	18	21	30	34	13	21	37	50	55	\$1,500
Total	208	215	234	247	256	326	334	350	366	376	

Population	519,949	522,456	526,269	529,038	532,521	536,917	542,430	547,562	553,499	559,561
Per Capita Standard	0.0004	0.0004	0.0004	0.0005	0.0005	0.0006	0.0006	0.0006	0.0007	0.0007

10 Year Average	2011-2020
Quantity Standard	0.0005
Quality Standard	\$60,520
Service Standard	\$30

D.C. Amount (before deductions)	10 Year
Forecast Population	65,046
\$ per Capita	\$30
Eligible Amount	\$1,968,292



**City of Hamilton
Service Standard Calculation Sheet**

Service: Long-Term Care Facilities
Unit Measure: sq.ft. of building area

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Building Value (\$/sq.ft.)	Value/ft ² with land, site works, etc.
Wentworth Lodge	122,000	122,000	122,000	122,000	122,000	122,000	122,000	122,000	122,000	122,000	\$410	\$478
Macassa Lodge	214,570	214,570	214,570	214,570	214,570	214,570	218,760	218,760	218,760	218,760	\$410	\$478
Total	336,570	336,570	336,570	336,570	336,570	336,570	340,760	340,760	340,760	340,760		

Population	519,949	522,456	526,269	529,038	532,521	536,917	542,430	547,562	553,499	559,561
Per Capita Standard	0.6473	0.6442	0.6395	0.6362	0.6320	0.6269	0.6282	0.6223	0.6156	0.6090

10 Year Average	2011-2020
Quantity Standard	0.6301
Quality Standard	\$478
Service Standard	\$301

D.C. Amount (before deductions)	10 Year
Forecast Population	65,046
\$ per Capita	\$301
Eligible Amount	\$19,591,855



**City of Hamilton
Service Standard Calculation Sheet**

Service: Housing Services
Unit Measure: sq.ft. of building area

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Building Value (\$/sq.ft.)
15, 17 Quinlan Court	2,700	2,700	2,700	2,700	2,700	2,700	2,700	2,700	2,700	2,700	\$143
192, 218, 242, 277 & 292 Queen Victoria Drive	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	\$138
86 & 88 Lockton Crescent	2,514	2,514	2,514	2,514	2,514	2,514	2,514	2,514	2,514	2,514	\$157
39, 62 Lawnhurst Drive	2,514	2,514	2,514	2,514	2,514	2,514	2,514	2,514	2,514	2,514	\$157
104, 140, 193, 212 & 232 Lawnhurst Drive	5,750	5,750	5,750	5,750	5,750	5,750	5,750	5,750	5,750	5,750	\$188
12 Garrow Drive	1,150	1,150	1,150	1,150	1,150	1,150	1,150	1,150	1,150	1,150	\$188
17 Glen Eden Court	1,150	1,150	1,150	1,150	1,150	1,150	1,150	1,150	1,150	1,150	\$188
367, 369, 383, 385, 389, 391, 399, 405, & 407 Franklin Road	8,993	8,993	8,993	8,993	8,993	8,993	8,993	8,993	8,993	8,993	\$217
388, 394, 396, 405 & 407 East 22nd Street	4,996	4,996	4,996	4,996	4,996	4,996	4,996	4,996	4,996	4,996	\$217
371-374, 377, & 379-383 East 22nd Street	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	\$193
392, 396, 398, 404 & 406 East 21st Street	4,996	4,996	4,996	4,996	4,996	4,996	4,996	4,996	4,996	4,996	\$217
369, 371, 372, 376, 377, 378, 379, 381, 382 & 384 East 21st Street (10 units)	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	\$193
374 East 21st Street (1 units)	1,000	1,000	1,000	1,000	1,000	1,000	1,000	-	-	-	\$193
392, 402, 404, 408 & 412 East 23rd Street	4,996	4,996	4,996	4,996	4,996	4,996	4,996	4,996	4,996	4,996	\$217
374, 375, 378, 379, 380, & 384-387 East 23rd Street	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	\$193
373 & 381 East 23rd Street	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	-	\$0
51 & 64 Berrisfield Crescent	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	\$215
663 & 665 Upper Wentworth Street	1,998	1,998	1,998	1,998	1,998	1,998	1,998	1,998	1,998	1,998	\$217
637, 639, 641, 643, 647 & 649 Upper Wentworth Street	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	\$193
25 Brewster Street	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	\$215
8 & 10 Cleveland Place	2,320	2,320	2,320	2,320	2,320	2,320	2,320	2,320	2,320	2,320	\$189
71, 73, 94, 115 & 125 Rand Street	5,643	5,643	5,643	5,643	5,643	5,643	5,643	5,643	5,643	5,643	\$188
12 & 14 Bogart Court	2,682	2,682	2,682	2,682	2,682	2,682	2,682	2,682	2,682	2,682	\$146
13, 15, 29 & 31 Markham Crescent	4,640	4,640	4,640	4,640	4,640	4,640	4,640	4,640	4,640	4,640	\$189
14 & 16 Arbutus Crescent	2,320	2,320	2,320	2,320	2,320	2,320	2,320	2,320	2,320	2,320	\$189
18 & 20 Joncaire Place	2,257	2,257	2,257	2,257	2,257	2,257	2,257	2,257	2,257	2,257	\$188



**City of Hamilton
Service Standard Calculation Sheet**

Service: Housing Services
Unit Measure: sq.ft. of building area

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Building Value (\$/sq.ft.)
2 Lemoyne Place	1,129	1,129	1,129	1,129	1,129	1,129	1,129	1,129	1,129	1,129	\$188
18 & 20 Brendan Court	2,682	2,682	2,682	2,682	2,682	2,682	2,682	2,682	2,682	2,682	\$146
24, 48, 80 & 103 Boston Crescent	5,365	5,365	5,365	5,365	5,365	5,365	5,365	5,365	5,365	5,365	\$146
25, 27, 35, 37 & 48 Yorkdale Crescent	5,643	5,643	5,643	5,643	5,643	5,643	5,643	5,643	5,643	5,643	\$188
28 & 48 Odessa Street	2,257	2,257	2,257	2,257	2,257	2,257	2,257	2,257	2,257	2,257	\$187
30, 40 & 58 John Murray Street	3,386	3,386	3,386	3,386	3,386	3,386	3,386	3,386	3,386	3,386	\$125
32, 56, 172, 214, 248 & 280 Birchcliffe Crescent	8,047	8,047	8,047	8,047	8,047	8,047	8,047	8,047	8,047	8,047	\$146
33, 52 & 54 William Johnson Street	3,386	3,386	3,386	3,386	3,386	3,386	3,386	3,386	3,386	3,386	\$188
4 & 6 Boon Court	2,682	2,682	2,682	2,682	2,682	2,682	2,682	2,682	2,682	2,682	\$146
7 & 9 Electra Court	2,320	2,320	2,320	2,320	2,320	2,320	2,320	2,320	2,320	2,320	\$189
9 Fuller Court	1,160	1,160	1,160	1,160	1,160	1,160	1,160	1,160	1,160	1,160	\$189
111 & 113 Birchview Drive	2,682	2,682	2,682	2,682	2,682	2,682	2,682	2,682	2,682	2,682	\$146
31, 66 & 227 Larch Street	4,024	4,024	4,024	4,024	4,024	4,024	4,024	4,024	4,024	4,024	\$146
395 Mohawk Road East, 169 Units, 6 Floors - Building	109,850	109,850	109,850	109,850	109,850	109,850	109,850	109,850	109,850	109,850	\$133
20 Congress Crescent, 110 Units, 10 Floors - Building	107,254	107,254	107,254	107,254	107,254	107,254	107,254	107,254	107,254	107,254	\$135
470 Stone Church Road East, Blocks 1-70, 70 Units	63,000	63,000	63,000	63,000	63,000	63,000	63,000	63,000	63,000	63,000	\$133
772 Upper Paradise Road - Blocks 1-47, 47 Units	49,117	49,117	49,117	49,117	49,117	49,117	49,117	49,117	49,117	49,117	\$112
580 Limeridge Road, East - Blocks 1-65, 65 Units	68,800	68,800	68,800	68,800	68,800	68,800	68,800	68,800	68,800	68,800	\$129
1100 Limeridge Road East, 57 Units, 4 Floors - Building	41,500	41,500	41,500	41,500	41,500	41,500	41,500	41,500	41,500	41,500	\$239
1150 Limeridge Road, East, Blocks 1-66, 66 Units	66,000	66,000	66,000	66,000	66,000	66,000	66,000	66,000	66,000	66,000	\$109
350 Limeridge Road West, Block 350-362, 7 Units	6,675	6,675	6,675	6,675	6,675	6,675	6,675	6,675	6,675	6,675	\$169
#5 (A-G) Kendale Court (7 Units)	6,675	6,675	6,675	6,675	6,675	6,675	6,675	6,675	6,675	6,675	\$169
97 (a-g), 87 (A-C), 107, 109, 111, 113, 115, 117 Elgar Court (16 Units)	15,257	15,257	15,257	15,257	15,257	15,257	15,257	15,257	15,257	15,257	\$169
89-93 Century Street 96-110 Ashley Street - 10 Units	11,228	11,228	11,228	11,228	11,228	11,228	11,228	11,228	11,228	11,228	\$147



**City of Hamilton
Service Standard Calculation Sheet**

Service: Housing Services
Unit Measure: sq.ft. of building area

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Building Value (\$/sq.ft.)
10 & 32 Airdrie Avenue	3,483	3,483	3,483	3,483	3,483	3,483	3,483	1,742	1,742	1,742	\$250
11, 30, & 42 Austin Drive	4,200	4,200	4,200	4,200	4,200	4,200	4,200	4,200	4,200	4,200	\$169
69 Austin Drive	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	-	\$169
21, 27, 32, 35, 37 & 59 Bernard Street	5,482	5,482	5,482	5,482	5,482	5,482	5,482	5,482	5,482	5,482	\$238
11, 13, & 20 Bernard Street	2,742	2,742	2,742	2,742	2,742	2,742	2,742	2,742	-	-	\$238
70 Bingham Road	6,966	870	870	870	870	870	870	870	870	870	\$250
4, 34, 42, 59, 61, & 65 Bingham Road	6,096	6,096	6,096	6,096	6,096	6,096	6,096	6,096	-	-	\$250
29 Bingham Road - Block 29-41, 7 Units	6,505	6,505	6,505	6,505	6,505	6,505	6,505	6,505	6,505	6,505	\$160
10, 12, 13, 34, 45, 49, 57 & 65 Eastvale Place	6,966	6,966	6,966	6,966	6,966	6,966	6,966	6,966	6,966	6,966	\$250
25, 38, & 47, Eastvale Place	2,612	2,612	2,612	2,612	2,612	2,612	2,612	2,612	871	-	\$250
12, 14, 16, 20, 25, 27, 45, 54, 62, 64, 66 & 68 Eaton Place	9,834	9,834	9,834	9,834	9,834	9,834	9,834	9,834	9,834	9,834	\$250
10, 41, 48, Eaton Place	4,097	4,097	4,097	4,097	4,097	4,097	4,097	2,458	819	-	\$250
12, 14, 22, 33, 41, 45, 47, 51, 54, 58, 62 Glengrove Avenue	9,578	9,578	9,578	9,578	9,578	9,578	9,578	9,578	9,578	9,578	\$250
7, 18, & 35, Glengrove Avenue	2,612	2,612	2,612	2,612	2,612	2,612	2,612	2,612	871	-	\$250
10 & 12 Jutland Court	2,320	2,320	2,320	2,320	2,320	2,320	2,320	2,320	2,320	2,320	\$189
59 & 63 Kirkland Drive	2,800	2,800	2,800	2,800	2,800	2,800	2,800	2,800	2,800	2,800	\$169
10 St. Andrews Drive - Block 74-80, (96 units)	94,000	94,000	94,000	94,000	94,000	94,000	94,000	94,000	94,000	94,000	\$162
4, 6, 7, 9, 10, 11, & 15-25 Thorley Drive (17 units)	23,800	23,800	23,800	23,800	23,800	23,800	23,800	23,800	23,800	23,800	\$169
14, 26, 45, 46, 66, 81, 82, 85, 106 & 169 Bellingham Drive	13,808	13,808	13,808	13,808	13,808	13,808	13,808	13,808	13,808	13,808	\$170
30, & 102 Bellingham Drive	4,143	4,143	4,143	4,143	4,143	4,143	4,143	2,762	1,381	-	\$170
102 & 118 Reid Avenue North	871	871	871	871	871	871	871	871	871	871	\$250
41 Reid Street North, - Block 1-16 (16 units)	11,340	11,340	11,340	11,340	11,340	11,340	11,340	11,340	11,340	11,340	\$182
11 Reid Avenue South - Block 11-17, 4 Units	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	\$139
103 & 105 Chilton Drive (2 Units)	2,320	2,320	2,320	2,320	2,320	2,320	2,320	2,320	2,320	2,320	\$189
104 Osler Drive, 29 Units, 2 Floors (29 Units)	15,160	15,160	15,160	15,160	15,160	15,160	15,160	15,160	15,160	15,160	\$179
109 Fiddlers Green Road, 45 Units, 2 Floors	21,600	21,600	21,600	21,600	21,600	21,600	21,600	21,600	21,600	21,600	\$198



**City of Hamilton
Service Standard Calculation Sheet**

Service: Housing Services
Unit Measure: sq.ft. of building area

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Building Value (\$/sq.ft.)
10 & 32 Airdrie Avenue	3,483	3,483	3,483	3,483	3,483	3,483	3,483	1,742	1,742	1,742	\$250
11, 30, & 42 Austin Drive	4,200	4,200	4,200	4,200	4,200	4,200	4,200	4,200	4,200	4,200	\$169
69 Austin Drive	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	-	\$169
21, 27, 32, 35, 37 & 59 Bernard Street	5,482	5,482	5,482	5,482	5,482	5,482	5,482	5,482	5,482	5,482	\$238
11, 13, & 20 Bernard Street	2,742	2,742	2,742	2,742	2,742	2,742	2,742	2,742	-	-	\$238
70 Bingham Road	6,966	870	870	870	870	870	870	870	870	870	\$250
4, 34, 42, 59, 61, & 65 Bingham Road	6,096	6,096	6,096	6,096	6,096	6,096	6,096	6,096	-	-	\$250
29 Bingham Road - Block 29-41, 7 Units	6,505	6,505	6,505	6,505	6,505	6,505	6,505	6,505	6,505	6,505	\$160
10, 12, 13, 34, 45, 49, 57 & 65 Eastvale Place	6,966	6,966	6,966	6,966	6,966	6,966	6,966	6,966	6,966	6,966	\$250
25, 38, & 47, Eastvale Place	2,612	2,612	2,612	2,612	2,612	2,612	2,612	2,612	871	-	\$250
12, 14, 16, 20, 25, 27, 45, 54, 62, 64, 66 & 68 Eaton Place	9,834	9,834	9,834	9,834	9,834	9,834	9,834	9,834	9,834	9,834	\$250
10, 41, 48, Eaton Place	4,097	4,097	4,097	4,097	4,097	4,097	4,097	2,458	819	-	\$250
12, 14, 22, 33, 41, 45, 47, 51, 54, 58, 62 Glengrove Avenue	9,578	9,578	9,578	9,578	9,578	9,578	9,578	9,578	9,578	9,578	\$250
7, 18, & 35, Glengrove Avenue	2,612	2,612	2,612	2,612	2,612	2,612	2,612	2,612	871	-	\$250
10 & 12 Jutland Court	2,320	2,320	2,320	2,320	2,320	2,320	2,320	2,320	2,320	2,320	\$189
59 & 63 Kirkland Drive	2,800	2,800	2,800	2,800	2,800	2,800	2,800	2,800	2,800	2,800	\$169
10 St. Andrews Drive - Block 74-80, (96 units)	94,000	94,000	94,000	94,000	94,000	94,000	94,000	94,000	94,000	94,000	\$162
4, 6, 7, 9, 10, 11, & 15-25 Thorley Drive (17 units)	23,800	23,800	23,800	23,800	23,800	23,800	23,800	23,800	23,800	23,800	\$169
14, 26, 45, 46, 66, 81, 82, 85, 106 & 169 Bellingham Drive	13,808	13,808	13,808	13,808	13,808	13,808	13,808	13,808	13,808	13,808	\$170
30, & 102 Bellingham Drive	4,143	4,143	4,143	4,143	4,143	4,143	4,143	2,762	1,381	-	
102 & 118 Reid Avenue North	871	871	871	871	871	871	871	871	871	871	\$250
41 Reid Street North, - Block 1-16 (16 units)	11,340	11,340	11,340	11,340	11,340	11,340	11,340	11,340	11,340	11,340	\$182
11 Reid Avenue South - Block 11-17, 4 Units	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	\$139
103 & 105 Chilton Drive (2 Units)	2,320	2,320	2,320	2,320	2,320	2,320	2,320	2,320	2,320	2,320	\$189
104 Osler Drive, 29 Units, 2 Floors (29 Units)	15,160	15,160	15,160	15,160	15,160	15,160	15,160	15,160	15,160	15,160	\$179
109 Fiddlers Green Road, 45 Units, 2 Floors	21,600	21,600	21,600	21,600	21,600	21,600	21,600	21,600	21,600	21,600	\$198



**City of Hamilton
Service Standard Calculation Sheet**

Service: Housing Services
Unit Measure: sq.ft. of building area

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Building Value (\$/sq.ft.)
280 Fiddlers Green Road - Block 1-16 (16 Units)	6,125	6,125	6,125	6,125	6,125	6,125	6,125	6,125	6,125	6,125	\$130
11 & 19 Grimsby Avenue (2 Units)	1,741	1,741	1,741	1,741	1,741	1,741	1,741	1,741	1,741	1,741	\$250
9, 27 & 30 Grimsby Avenue (3 Units)	3,483	3,483	3,483	3,483	3,483	3,483	3,483	2,612	1,741	-	\$250
11 Holton Avenue N. (1 Unit)	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	\$220
11 & 83 Locheed Drive (2 Units)	2,682	2,682	2,682	2,682	2,682	2,682	2,682	2,682	2,682	2,682	\$146
16, 18, 20, 22, 24, 26, 28, 30A, 30B, 30C, 30D, 30E, 30F, 32A, 32B, 32C, 32D, 32E, 32F, 32G, 32H, 34, 36, 38, 40, 42, 44 Locheed Drive - (27 Units)	25,700	25,700	25,700	25,700	25,700	25,700	25,700	25,700	25,700	25,700	\$128
1111(A-G), 1115, 1117, 1119, 1121, 1123, 1125, 1127, 1129, 1133, 1137, 1139, 1141, 1143, 1145, 1147, 1151A, 1151B, 1151C & 1151D Limeridge Road (27 Units)	25,700	25,700	25,700	25,700	25,700	25,700	25,700	25,700	25,700	25,700	\$128
3, 4, 7, 8, 11, 12 & 14, 15, 16, 17 Michael Avenue (10 Units)	15,400	15,400	15,400	15,400	15,400	15,400	15,400	14,000	11,200	9,800	\$169
11 & 28 Rainham Street	2,800	2,800	2,800	2,800	2,800	2,800	2,800	2,800	2,800	2,800	\$138
148 & 150 Moxley Court (2 Units)	2,682	2,682	2,682	2,682	2,682	2,682	2,682	2,682	2,682	2,682	\$146
99 & 112 Moxley Court (2 Units)	2,682	2,682	2,682	2,682	2,682	2,682	2,682	2,682	2,682	2,682	\$146
4, 12, 48 Blair Avenue (3 Units)	2,612	2,612	2,612	2,612	2,612	2,612	2,612	2,612	871	871	\$250
12 Lisa Court	1,257	1,257	1,257	1,257	1,257	1,257	1,257	1,257	1,257	1,257	\$155
120 Strathcona Avenue N, 259 Units, 14 Floors	161,173	161,173	161,173	161,173	161,173	161,173	161,173	161,173	161,173	161,173	\$119
27, 29, 46, 126, 128 & 141 Gledhill Crescent (7 Units)	8,050	8,050	8,050	8,050	8,050	8,050	8,050	8,050	8,050	8,050	\$188
14 Brett Court	1,341	1,341	1,341	1,341	1,341	1,341	1,341	1,341	1,341	1,341	\$146
7, 14 & 59 Lesterwood Street (3 Units)	3,450	3,450	3,450	3,450	3,450	3,450	3,450	3,450	3,450	3,450	\$188
15, 22, & 187 Folkstone Avenue (3 Units)	3,664	3,664	3,664	3,664	3,664	3,664	3,664	3,664	3,664	3,664	\$166
15, 161 & 163 Golden Orchard Drive	3,450	3,450	3,450	3,450	3,450	3,450	3,450	3,450	3,450	3,450	\$188
15 & 17 Granby Court	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300	\$188
19, 20, 26, & 30 Sumach Street (4 Units)	3,483	3,483	3,483	3,483	3,483	3,483	3,483	3,483	3,483	3,483	\$250
15, 24, & 34 Sumach Street (3 Units)	2,612	2,612	2,612	2,612	2,612	2,612	2,612	2,612	1,741	-	\$250
155 Park Street S, 375 Units, 23 Floors	214,532	214,532	214,532	214,532	214,532	214,532	214,532	214,532	214,532	214,532	\$139
16 Heatherdale Place	1,150	1,150	1,150	1,150	1,150	1,150	1,150	1,150	1,150	1,150	\$188



**City of Hamilton
Service Standard Calculation Sheet**

Service: Housing Services
Unit Measure: sq.ft. of building area

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Building Value (\$/sq.ft.)
17 & 19 Banff Drive (2 Units)	2,800	2,800	2,800	2,800	2,800	2,800	2,800	2,800	2,800	2,800	\$169
21, 23,& 42 Maclaren Avenue (3 Units)	2,612	2,612	2,612	2,612	2,612	2,612	2,612	2,612	2,612	2,612	\$250
17 & 27 Maclaren Avenue (2 Units)	1,741	1,741	1,741	1,741	1,741	1,741	1,741	1,741	-	-	\$250
175 Bruceedale Avenue East	-	-	-	-	-	-	-	-	-	-	\$145
18, 43 & 47 Dartford Place (3 Units)	4,200	4,200	4,200	4,200	4,200	4,200	4,200	4,200	4,200	4,200	\$169
34 Dartford Place (1 Unit)	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	-	-	\$169
18, 41, 72 & 250 Duncairn Crescent (4 Units)	4,600	4,600	4,600	4,600	4,600	4,600	4,600	4,600	4,600	4,600	\$188
180 Tragina Avenue	1,100	1,100	1,100	1,100	1,100	1,100	1,100	-	-	-	\$220
181 Jackson Street W, 265 Units, 20 Floors	172,250	172,250	172,250	172,250	172,250	172,250	172,250	172,250	172,250	172,250	\$58
185, 206-210 Jackson Street East (80 Units)	69,421	69,421	69,421	69,421	69,421	69,421	69,421	69,421	69,421	69,421	\$145
19, 20, 27, 29, 58 Berko Avenue (5 Units)	8,400	8,400	8,400	8,400	8,400	8,400	8,400	7,000	7,000	7,000	\$169
19, 23 & 47 Camelot Drive (3 Units)	4,200	4,200	4,200	4,200	4,200	4,200	4,200	4,200	4,200	4,200	\$169
19 East 12th Street	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	\$220
19, 29, 31, 35 & 37 Eastwood Street (5 Units)	4,353	4,353	4,353	4,353	4,353	4,353	4,353	4,353	4,353	4,353	\$250
209, 211, 230 & 232 Rexford Drive (4 Units)	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	\$227
226 Rebecca Street, 199 Units, 10 Floors - Building	129,350	129,350	129,350	129,350	129,350	129,350	129,350	129,350	129,350	129,350	\$92
24 Leduc Street	-	-	-	-	-	-	-	-	-	-	\$148
245 Kenora Avenue - 168 Units	168,000	168,000	168,000	168,000	168,000	168,000	168,000	168,000	168,000	168,000	\$108
249 Governor's Road - Block 1-4, (25 Units)	26,100	26,100	26,100	26,100	26,100	26,100	26,100	26,100	26,100	26,100	\$141
25 Glamis Court	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	\$177
25 Lynden Avenue, Block 1-18 (40 Units)	23,680	23,680	23,680	23,680	23,680	23,680	23,680	23,680	23,680	23,680	\$200
122-132 Hatt Street (34 Units)	34,800	34,800	34,800	34,800	34,800	34,800	34,800	34,800	34,800	34,800	\$174
27 Ling Street	1,150	1,150	1,150	1,150	1,150	1,150	1,150	1,150	1,150	1,150	\$188
30 Sanford Avenue South, 350 Units, 17 Floors	197,040	197,040	197,040	197,040	197,040	197,040	197,040	197,040	197,040	197,040	\$134
440 Melvin Avenue	871	871	871	871	871	871	871	871	871	871	\$250
362 Melvin Avenue	871	871	871	871	871	871	871	871	-	-	\$250



**City of Hamilton
Service Standard Calculation Sheet**

Service: Housing Services
Unit Measure: sq.ft. of building area

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Building Value (\$/sq.ft.)
36 & 60 Laird Drive	3,682	3,682	3,682	3,682	3,682	3,682	3,682	3,682	3,682	3,682	\$107
36 Queenslea Drive	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	\$138
37 & 95 Edwina Place	2,682	2,682	2,682	2,682	2,682	2,682	2,682	2,682	2,682	2,682	\$146
36, 38 & 63 Raleigh Court	4,125	4,125	4,125	4,125	4,125	4,125	4,125	4,125	4,125	4,125	\$141
4 & 6 Galloway Court	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300	\$188
4, 6, 8,10,12,14,16,18,20,22,24,26,28,30,32,34, 36,38,40,42,44,46,48 Millwood Place (23 Units)	20,350	20,350	20,350	20,350	20,350	20,350	20,350	20,350	20,350	20,350	\$166
101,103,105,107,109,111,113,115,117,119, 121,123,125,127,129,131,133,135,137,139, 141,143,145 Bobolink Road (23 Units)	20,350	20,350	20,350	20,350	20,350	20,350	20,350	20,350	20,350	20,350	\$166
403, 447, 481, 558, 559, 575 & 609 Brigadoon Drive (7 Units)	8,050	8,050	8,050	8,050	8,050	8,050	8,050	8,050	8,050	8,050	\$188
Ferrie Street W - Units 15, 17, 19, 21, 23, 25, 27, 29 (8 Units)	8,281	8,281	8,281	8,281	8,281	8,281	8,281	8,281	8,281	8,281	\$159
Strachan St W - Units 2,4, 6, 8, 10, 12, 14, 16,18, 20, 22, 24, 26, 28, 30, 32, 34, 36 (18 Units)	18,633	18,633	18,633	18,633	18,633	18,633	18,633	18,633	18,633	18,633	\$159
MacNab St North - Units 312,314,316,318,320,322,324,326,328,330, 332,334,336,338, 340,342,344,346, 348, 350, 352, 354, 356, 358,360,362,364, 366,368,370,372 (31 Units)	32,090	32,090	32,090	32,090	32,090	32,090	32,090	32,090	32,090	32,090	\$159
405 James Street N - Block 405-411, (34 Units)	35,196	35,196	35,196	35,196	35,196	35,196	35,196	35,196	35,196	35,196	\$159
499 James Street N - Block 499-525, 13 Units	13,856	13,856	13,856	13,856	13,856	13,856	13,856	13,856	13,856	13,856	\$138
4, 6, 8, 10 Picton Street West (4 Units)	4,264	4,264	4,264	4,264	4,264	4,264	4,264	4,264	4,264	4,264	\$138
45 & 72 Glenview Place	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300	\$188
45 Montcalm Drive - Block 76 Units	72,860	72,860	72,860	72,860	72,860	72,860	72,860	72,860	72,860	72,860	\$157
478 Mackenzie Road	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	\$173



**City of Hamilton
Service Standard Calculation Sheet**

Service: Housing Services
Unit Measure: sq.ft. of building area

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Building Value (\$/sq.ft.)
49 Grenoble Road	1,150	1,150	1,150	1,150	1,150	1,150	1,150	1,150	1,150	1,150	\$188
5 Maple Avenue, 43 Units, 5 Floors - Building	33,225	33,225	33,225	33,225	33,225	33,225	33,225	33,225	33,225	33,225	\$225
500 Macnab Street N, 146 Units, 18 Floors - Building	77,059	77,059	77,059	77,059	77,059	77,059	77,059	77,059	77,059	77,059	\$225
555 Queenston Road, 200 Units, 9 Floors - Building	109,120	109,120	109,120	109,120	109,120	109,120	109,120	109,120	109,120	109,120	\$146
5, 16, 37, 42, 44, 54, 56, 82 & 96 Armstrong Avenue (9 units)	6,914	6,914	6,914	6,914	6,914	6,914	6,914	6,914	6,914	6,914	\$250
8, 20, 59, 76, 90, 92, & 98 Armstrong Avenue (7 units)	6,146	6,146	6,146	6,146	6,146	6,146	6,146	5,378	2,305	-	\$250
2, 8, 56, 58, 75, 85, 64, 69, & 89 Martha Street (9 Units)	8,439	8,439	8,439	8,439	8,439	8,439	8,439	8,439	8,439	8,439	\$161
4, 5 & 6 Martha Street (3 Units)	3,751	3,751	3,751	3,751	3,751	3,751	3,751	2,813	2,813	-	\$161
44 Martha Street - Block 14-21, 36 Units	33,457	33,457	33,457	33,457	33,457	33,457	33,457	33,457	33,457	33,457	\$160
34 Martha Street - Block 34-36, 2 Units	1,859	1,859	1,859	1,859	1,859	1,859	1,859	1,859	1,859	1,859	\$160
6 & 7 Admiral Place (2 Units)	1,741	1,741	1,741	1,741	1,741	1,741	1,741	1,741	1,741	1,741	\$250
60 & 61 Carson Drive (2 Units)	2,682	2,682	2,682	2,682	2,682	2,682	2,682	2,682	2,682	2,682	\$146
46,48, 50, 52, 54, 56, 58, 60, 66 (1-31), 70, 72,74,76,78,88, 90,92, 94,96, 98, 100, 102 Greendale Drive - Block 13-18, (52 Units)	53,388	53,388	53,388	53,388	53,388	53,388	53,388	53,388	53,388	53,388	\$128
149, 151, 153, 155, 157, 159, 161, 163, 165, 167, 169, 171, 173, 175 Cranbrook Drive (14 Units)	14,102	14,102	14,102	14,102	14,102	14,102	14,102	14,102	14,102	14,102	\$130
68 Macassa Avenue, 45 Units	26,850	26,850	26,850	26,850	26,850	26,850	26,850	26,850	26,850	26,850	\$645
60 Macassa Avenue, 2 floors (20 Units)	10,100	10,100	10,100	10,100	10,100	10,100	10,100	10,100	10,100	10,100	\$118
92 Macassa Avenue, 20 Units, 2 Floors - Building	10,100	10,100	10,100	10,100	10,100	10,100	10,100	10,100	10,100	10,100	\$118
689, 690, 691, 693, 695, 699, 708, 719, 726, 727, 735, 739, 740 & 746 Britannia Avenue\ (14 Units)	12,761	12,761	12,761	12,761	12,761	12,761	12,761	12,761	12,761	12,761	\$237
685, 725, 752 & 772 Britannia Avenue\ (4 Units)	4,558	4,558	4,558	4,558	4,558	4,558	4,558	3,646	2,735	-	\$237



**City of Hamilton
Service Standard Calculation Sheet**

Service: Housing Services
Unit Measure: sq.ft. of building area

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Building Value (\$/sq.ft.)
7 Galt Street	1,150	1,150	1,150	1,150	1,150	1,150	1,150	1,150	1,150	1,150	\$188
7 Lambert Street	1,150	1,150	1,150	1,150	1,150	1,150	1,150	1,150	1,150	1,150	\$188
727 Upper Sherman Avenue (16 units)	8,800	8,800	8,800	8,800	8,800	8,800	8,800	8,800	8,800	8,800	\$169
77 Alpine Avenue	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	\$220
77 Pumell Drive - Block (131 Units)	131,980	131,980	131,980	131,980	131,980	131,980	131,980	131,980	131,980	131,980	\$157
797, 799, 801, 803, 805, 807, 809, 811, 815, 817, 819, 821, 823, 825, 827, 829, 833, 835, 837, 839, 841, 843, 845, 847 Roxborough Avenue (24 Units)	22,304	22,304	22,304	22,304	22,304	22,304	22,304	22,304	22,304	22,304	\$160
84, 90 & 92 Palmer Road (3 Units)	4,200	4,200	4,200	4,200	4,200	4,200	4,200	4,200	4,200	4,200	\$169
80, Palmer Road (1 Unit)	4,200	4,200	4,200	4,200	4,200	4,200	4,200	1,400	-	-	\$169
893 Fennell Avenue East	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	\$220
95 Hess Street S, 290 Units, 17 Floors	256,500	256,500	256,500	256,500	256,500	256,500	256,500	256,500	256,500	256,500	\$146
55 Hess Street (23rd Floor)	11,960	11,960	11,960	11,960	11,960	11,960	11,960	11,960	11,960	11,960	\$217
980 Upper Ottawa Street - Block 23-27 (57 Units)	57,000	57,000	57,000	57,000	57,000	57,000	57,000	57,000	57,000	57,000	\$156
2, 5, 6, 7, 8, 11, 12, 14, 15 & 17, 18, 20 Seeley Avenue (12 Units)	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	\$193
4 & 19 Seeley Avenue (2 Units)	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	-	\$193
302, 304, 307, 308, 309, 310, 315, 316 & 317 East 24th Street (9 Units)	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	\$193
305, 311 & 314, East 24th Street (3 Units)	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	-	\$193
405 Catharine Street N (1 Unit)	4,200	4,200	4,200	4,200	4,200	4,200	4,200	1,400	1,400	-	\$184
42, 44, 48, 50, 52 & 54 Gildea Street (6 Units)	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	\$193
470, 472, 473, 477, 479, 481, 483, 485, 493, 495, 497 East 25th Street (11 Units)	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	\$193
487 & 491 East 25th Street (2 Units)	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	-	\$193
170 East Avenue South (Villa San Miguel) 46 Units	48,646	48,646	48,646	48,646	48,646	48,646	48,646	48,646	48,646	48,646	\$190
680 Stone Church Road West 65 Units	63,562	63,562	63,562	63,562	63,562	63,562	63,562	63,562	63,562	63,562	\$139
690 Stone Church Road West (Villa Santa Maria) 30 Units	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	\$192



**City of Hamilton
Service Standard Calculation Sheet**

Service: Housing Services
Unit Measure: sq.ft. of building area

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Building Value (\$/sq.ft.)
7,9,11,13,15,17,21,22,23,24,26,27,28,29,32,33,34,35,36,37,38,39,40,41,43,44,46,48,50,52,54,57,58,59,60,51,62,63,64,68,70,72,74,75,76,77,78,79,80,81,82,83,85,86,88,90,92,94,96,100,102,104,106,109,110,111,112,114,115,116,117 Lang Street (71 Units)	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	\$132
2,4,6,8,10,12,14,16,18,20,22,24,26,28,30,32 Hayes Ave(16 Units)	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	\$186
30 Congress Crescent (110 Units)	106,740	106,740	106,740	106,740	106,740	106,740	106,740	106,740	106,740	106,740	\$136
50 Congress Crescent (53 Units)	61,000	61,000	61,000	61,000	61,000	61,000	61,000	61,000	61,000	61,000	\$143
7-23 Gurnett Drive (Villa Corvo) 5 units	5,500	5,500	5,500	5,500	5,500	5,500	5,500	5,500	5,500	5,500	\$173
87-89 King Street East (16 Units)	21,206	21,206	21,206	21,206	21,206	21,206	21,206	21,206	21,206	21,206	\$199
350-360 King Street (545 Units)	501,509	501,509	501,509	501,509	501,509	501,509	501,509	501,509	501,509	501,509	\$125
405 York Street (54 Units)	41,994	41,994	41,994	41,994	41,994	41,994	41,994	41,994	41,994	41,994	\$150
4 Bridgewater (62 Units)	53,776	53,776	74,440	74,440	74,440	74,440	74,440	74,440	74,440	74,440	\$139
95 King Street East (12 Units)	-	-	14,800	14,800	14,800	14,800	14,800	14,800	14,800	14,800	\$245
690 Stone Church Rd West (50 Units)	-	-	-	-	-	48,545	48,545	48,545	48,545	48,545	\$163
557 Queenston Road (34 Units)	29,400	29,400	29,400	29,400	29,400	29,400	29,400	29,400	29,400	29,400	\$146
Total	5,641,893	5,635,797	5,671,261	5,671,261	5,671,261	5,719,806	5,721,512	5,704,312	5,673,293	5,643,946	

Population	519,949	522,456	526,269	529,038	532,521	536,917	542,430	547,562	553,499	559,561
Per Capita Standard	10.8509	10.7871	10.7764	10.7200	10.6498	10.6531	10.5479	10.4177	10.2499	10.0864

10 Year Average	2011-2020
Quantity Standard	10.5739
Quality Standard	\$154
Service Standard	\$1,631

D.C. Amount (before deductions)	10 Year
Forecast Population	65,046
\$ per Capita	\$1,631
Eligible Amount	\$106,067,260



**City of Hamilton
Service Standard Calculation Sheet**

Service: Provincial Offences Act - Administration Facilities
Unit Measure: sq.ft. of building area

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Building Value (\$/sq.ft.)	Value/ft ² with land, site works, etc.
45 Main Street East - Dedicated Space	16,034	16,034	16,034	16,034	16,034	16,034	16,034	-	-	-	\$460	\$534
45 Main Street East - Shared Space	2,375	2,375	2,375	2,375	2,375	2,375	2,375	-	-	-	\$460	\$534
50 Main Street East -Dedicated Space	-	-	-	-	-	-	-	53,287	53,287	53,287	\$460	\$534
50 Main Street East - Shared Space	-	-	-	-	-	-	-	4,628	4,628	4,628	\$460	\$534
Total	18,409	18,409	18,409	18,409	18,409	18,409	18,409	57,915	57,915	57,915		

Population	519,949	522,456	526,269	529,038	532,521	536,917	542,430	547,562	553,499	559,561
Per Capita Standard	0.0354	0.0352	0.0350	0.0348	0.0346	0.0343	0.0339	0.1058	0.1046	0.1035

10 Year Average	2011-2020
Quantity Standard	0.0557
Quality Standard	\$510
Service Standard	\$28

D.C. Amount (before deductions)	10 Year
Forecast Population	65,046
\$ per Capita	\$28
Eligible Amount	\$1,847,957



City of Hamilton
Service Standard Calculation Sheet

Service: Public Health Services - Facilities
Unit Measure: sq.ft. of building area

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Building Value (\$/sq.ft.)	Value/ft ² with land, site works, etc.
100 Main St. E., suite 220	11,392	11,392	11,392	11,392	11,392	11,392	11,392	11,392	11,392	11,392	\$281	\$336
2255 Barton St - Unit 3/4	6,773	6,773	6,773	-	-	-	-	-	-	-	\$281	\$336
1447 Upper Ottawa (owned)	15,143	15,143	15,143	15,143	15,143	15,143	-	-	-	-	\$337	\$398
2 King St W., (DUN)	10,825	10,825	10,825	10,825	3,635	-	-	-	-	-	\$281	\$336
21 Hunter St. E.	5,324	5,324	5,324	5,324	5,324	5,324	5,324	5,324	5,324	5,324	\$281	\$336
1 Hughson St. N.	33,015	33,015	33,015	33,015	-	-	-	-	-	-	\$281	\$336
1439 Upper Ottawa	1,227	1,227	1,227	1,227	-	-	-	-	-	-	\$281	\$336
1447 Upper Ottawa (leased)	4,892	4,892	4,892	4,892	4,892	-	-	-	-	-	\$309	\$367
125 Barton - West Nile	892	892	892	892	-	-	-	-	-	-	\$144	\$185
1 James St.	5,626	5,626	5,626	5,626	-	-	-	-	-	-	\$309	\$367
247 Centennial Unit 8	2,114	2,114	2,114	2,114	2,114	2,114	2,114	2,114	2,114	2,114	\$281	\$336
100 Main St. West	-	-	-	-	24,122	24,122	24,122	24,122	24,122	24,122	\$469	\$543
110 King Street West (Robert Thompson)	-	-	-	52,300	52,300	52,300	52,300	52,300	52,300	52,300	\$378	\$443
891 Upper James (leased)	-	-	-	2,159	2,159	2,159	2,159	2,159	2,159	2,159	\$279	\$334
Total	97,223	97,223	97,223	144,909	121,081	112,554	97,411	97,411	97,411	97,411		

Population	519,949	522,456	526,269	529,038	532,521	536,917	542,430	547,562	553,499	559,561
Per Capita Standard	0.1870	0.1861	0.1847	0.2739	0.2274	0.2096	0.1796	0.1779	0.1760	0.1741

10 Year Average	2011-2020
Quantity Standard	0.1976
Quality Standard	\$407
Service Standard	\$80

D.C. Amount (before deductions)	10 Year
Forecast Population	65,046
\$ per Capita	\$80
Eligible Amount	\$5,226,446



**City of Hamilton
Service Standard Calculation Sheet**

Service: Public Health Services - Vehicles
Unit Measure: No. of vehicles

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Value (\$/item)
Health Bus	1	1	1	1	1	1	1	1	1	1	\$392,000
Dental Bus	-	-	-	-	-	-	-	-	-	1	\$539,000
Total	1	1	1	1	1	1	1	1	1	2	

Population	519,949	522,456	526,269	529,038	532,521	536,917	542,430	547,562	553,499	559,561
Per Capita Standard	0.000002	0.000002	0.000002	0.000002	0.000002	0.000002	0.000002	0.000002	0.000002	0.000004

10 Year Average	2011-2020
Quantity Standard	0.000002
Quality Standard	\$406,488
Service Standard	\$1

D.C. Amount (before deductions)	10 Year
Forecast Population	65,046
\$ per Capita	\$1
Eligible Amount	\$53,988



**City of Hamilton
Service Standard Calculation Sheet**

Service: Child Care and Early Years Facilities
Unit Measure: sq.ft. of building area

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Building Value (\$/sq.ft.)	Value/ft ² with land, site works, etc.
Red Hill Day Care Centre	14,265	14,265	14,265	14,265	14,265	14,265	14,265	14,265	14,265	14,265	\$327	\$387
Lister Block	24,200	24,200	24,200	24,200	24,200	24,200	24,200	24,200	24,200	24,200	\$382	\$448
Total	38,465	38,465	38,465	38,465	38,465	38,465	38,465	38,465	38,465	38,465		

Population	519,949	522,456	526,269	529,038	532,521	536,917	542,430	547,562	553,499	559,561
Per Capita Standard	0.0740	0.0736	0.0731	0.0727	0.0722	0.0716	0.0709	0.0702	0.0695	0.0687

10 Year Average	2011-2020
Quantity Standard	0.0717
Quality Standard	\$425
Service Standard	\$30

D.C. Amount (before deductions)	10 Year
Forecast Population	65,046
\$ per Capita	\$30
Eligible Amount	\$1,983,253



**City of Hamilton
Service Standard Calculation Sheet**

Service: Waste Diversion - Facilities - Stations/Depots
Unit Measure: sq.ft. of building area

Description	Percentage Attributable to Diversion	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Building Value (\$/sq.ft.)	Value/ft ² with land, site works, etc.
77 James St.	100%	1,526	1,526	1,526	1,526	1,526	1,526	1,526	1,526	1,526	1,526	\$299	\$356
Transfer Stations / Community Recycling Centres:													
Dundas - Olympic Drive - Main Building	15%	1,473	1,473	1,473	1,473	1,473	1,473	1,473	1,473	1,473	1,473	\$680	\$776
- HHW Trailer	100%	930	930	930	930	930	930	930	930	930	930	\$364	\$428
- HHW Office (portable)	100%	140	140	140	140	140	140	140	140	140	140	\$289	\$345
- TS Scalehouse	15%	21	21	21	21	21	21	21	21	21	21	\$142	\$183
Kenora - Kenora Avenue - Main Building	15%	2,726	2,726	2,726	2,726	2,726	2,726	2,726	2,726	2,726	2,726	\$680	\$776
- HHW Trailer	100%	731	731	731	731	731	731	731	731	731	731	\$463	\$537
- HHW Office	100%	97	97	97	97	97	97	97	97	97	97	\$416	\$485
- TS Scalehouse	15%	21	21	21	21	21	21	21	21	21	21	\$167	\$211
Kilbride Yard, 37 Kilbride Rd. - Reuse Store	100%	3,561	3,561	3,561	3,561	3,561	3,561	3,561	3,561	3,561	3,561	\$401	\$468
Mountain - 37 Kilbride Road - Main Building	100%	12,692	12,692	12,692	12,692	12,692	12,692	12,692	12,692	12,692	12,692	\$680	\$776
- TS Scalehouse	15%	21	21	21	21	21	21	21	21	21	21	\$142	\$183
Glanbrook Landfill Site (Diversion portion only)	2%	129	129	129	129	129	129	129	129	129	129	\$680	\$776
Hamilton Materials Recycling Facility	81%	221,288	221,288	221,288	221,288	221,288	221,288	221,288	221,288	221,288	221,288	\$247	\$299
Hamilton Central Composting Facility - main processing facility & curing building (YRD076)	100%	106,504	105,734	102,894	102,196	102,058	102,288	89,465	89,465	149,109	149,109	\$395	\$462
Mountain Community Recycling Centre - Reuse Store & HHW Depot (YRD032)	100%	12,419	12,419	12,419	12,419	12,419	12,419	12,419	12,419	12,419	12,419	\$680	\$776
Contracted Local Yard - 560 Seaman St. Stoney Creek	61%	-	-	11,162	11,162	11,162	11,162	11,162	11,162	11,162	11,162	\$289	\$529
Contracted Local Yard	61%	1,937	1,937	-	-	-	-	-	-	-	-	\$289	\$934
Total		366,216	365,446	371,831	371,133	370,995	371,225	358,403	358,403	418,046	418,046		

Population	519,949	522,456	526,269	529,038	532,521	536,917	542,430	547,562	553,499	559,561
Per Capita Standard	0.7043	0.6995	0.7065	0.7015	0.6967	0.6914	0.6607	0.6545	0.7553	0.7471

10 Year Average	2011-2020
Quantity Standard	0.7018
Quality Standard	\$392
Service Standard	\$275

D.C. Amount (before deductions)	10 Year
Forecast Population	65,046
\$ per Capita	\$275.41
Eligible Amount	\$17,914,319



**City of Hamilton
Service Standard Calculation Sheet**

Service: Waste Diversion - Vehicles & Equipment
Unit Measure: No. of vehicles and equipment

Description	Percentage Attributable to Diversion	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Value (\$/Vehicle)
City Owned												
20 cyd single stream rear packer	48%	1.44	1.44	-	-	-	-	-	-	-	-	\$255,000
32 cyd single stream rear packer	48%	1.44	1.44	-	-	-	-	-	-	-	-	\$306,000
Compact pickup	48%	1.44	-	-	-	-	-	-	-	-	-	\$35,700
Compact pickup	48%									0.48	0.48	\$25,500
SUV 2wd	48%	-	-	0.48	0.48	1.44	1.44	1.44	1.44	0.96	0.96	\$35,700
Pick up 2wd	48%	3.84	4.32	3.84	4.80	4.80	4.80	4.80	4.80	4.80	4.80	\$34,700
Pickup 4x4	48%	0	0	0.48	0.48	1.44	1.44	1.44	1.44	1.92	1.92	\$51,000
Pickup 3/4 ton	48%	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	\$58,100
Dump truck 5 ton	48%	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	-	-	\$114,200
25 cyd single stream rear packer	48%	2.88	2.40	8.16	8.16	7.68	7.68	7.68	7.68	7.68	7.68	\$153,000
25 cyd dual stream rear packer	48%	8.64	8.64	5.28	5.28	5.28	5.28	5.28	5.28	4.32	4.32	\$287,600
31 cyd single stream sideloader	48%	0.96	0.96	0.96	0.96	0.48	0.48	0.48	0.48	0.48	0.48	\$306,000
31 cyd dual stream side loader	48%	4.80	4.80	4.80	4.80	4.80	4.80	4.80	4.80	4.80	4.80	\$306,000
Contracted (GFL)												
Curbside/Roadside												
Recycling												
Mack with UHE Body - 32 yd rear packer dual stream - diesel	100%	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	\$255,000
Freightliner with Heil Body - 25 yd rear packer dual stream - CNG	100%	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00	\$413,100
Peterbilt with McNeilus Body - 32yd dual stream - diesel	100%	1	1	1	1	1	1	1	1	-	-	\$306,000
Organics/Garbage												\$0
Freightliner with UHE Body - 32 yd rear packer dual stream CNG	48%	10	10	10	10	10	10	10	10	10.08	10.08	\$413,100
Leaf & Yard Waste/ Bulk												\$0
Peterbilt with McNeilus Body - 25 yd rear packer ss diesel	48%	2.88	2.88	2.88	2.88	2.88	2.88	2.88	2.88	2.40	2.40	\$246,800
Peterbilt with McNeilus Body - 30yd dual stream - diesel	48%	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	\$255,000
Freightliner with UHE Body - 32 yd ss rear packer - diesel	48%	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	\$246,800
Freightliner with Labrie McNeilus Body - 37 25 yd ss sideloader - diesel	48%	0	0	0	0	0	0	0	0	0.96	0.96	\$306,000



**City of Hamilton
Service Standard Calculation Sheet**

Service: Waste Diversion - Vehicles & Equipment
Unit Measure: No. of vehicles and equipment

Description	Percentage Attributable to Diversion	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Value (\$/Vehicle)
Front Load Bin Waste and Fibre Collection												
Mack with McNeilus Body - 40 yd single stream	48%	5.28	5.28	5.28	5.28	5.28	5.28	5.28	5.28	4.80	4.80	\$306,000
Mack with Labrie Body - 40 yd single stream	48%	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	\$306,000
Mack with Fanotech Body - 40 yd single stream	48%	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	\$306,000
Mack with Capital Body - 40 yd single stream	48%	0	0	0	0	0	0	0	0	0.48	0.48	\$306,000
Side-loader Fully Automated Recycling Cart Collection												
Freightliner with Labrie Body - 33 yd dual stream	100%	4	4	4	4	4	4	4	4	4.00	4.00	\$413,100
Fork Truck (front load bin)												
Freightliner Spike Truck (Pull Out Truck)	48%	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	\$76,500
Pickup Trucks	48%	2	2	2	2	2	2	2	2	2.88	2.88	\$45,900
RECYCLING & WASTE DISPOSAL												
CENTRAL COMPOSTING FACILITY												
City Owned												
Main fans	100%	2	2	2	2	2	2	2	2	2.00	2.00	\$46,900
Curing Building Fan	100%	1	1	1	1	1	1	1	1	1.00	1.00	\$40,800
Tunnel Fans	100%	16	16	16	16	16	16	16	16	16.00	16.00	\$276,500
Make Up Air Units	100%	2	2	2	2	2	2	2	2	2.00	2.00	\$61,200
Grinder	100%	1	1	1	1	1	1	1	1	1.00	1.00	\$714,000
Shredder	100%	1	1	1	1	1	1	1	1	1.00	1.00	\$853,700
Stationary Screening Plant	100%	1	1	1	1	1	1	1	1	1.00	1.00	\$20,700
PLC Units	100%	5	5	5	5	5	5	5	5	5.00	5.00	\$102,000
SCADA System	100%	1	1	1	1	1	1	1	1	1.00	1.00	\$510,000
Tube Conveyor	100%	1	1	1	1	1	1	1	1	1.00	1.00	\$102,000
Fixed Conveyors	100%	4	4	4	4	4	4	4	4	4.00	4.00	\$61,200
Stack Jet Fans	100%	2	2	2	2	2	2	2	2	2.00	2.00	\$40,800
Loaders Volvo L150 or Equivalent	100%	2	2	2	2	2	2	2	2	2.00	2.00	\$408,000
CAT 242 Skidsteer	100%	1	1	1	1	1	1	1	1	1.00	1.00	\$38,300



**City of Hamilton
Service Standard Calculation Sheet**

Service: Waste Diversion - Vehicles & Equipment
Unit Measure: No. of vehicles and equipment

Description	Percentage Attributable to Diversion	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Value (\$/Vehicle)
Ramrod Mini Skidsteer	100%	1	1	1	1	1	1	1	1	1.00	1.00	\$16,200
Genie Boom 40ft Manlift	100%	1	1	1	1	1	1	1	1	1.00	1.00	\$42,100
Grove 54ft Manlift	100%	1	1	1	1	1	1	1	1	1.00	1.00	\$12,200
Generator	100%	1	1	1	1	1	1	1	1	1.00	1.00	\$102,000
Overhead Filling Cassette	100%	1	1	1	1	1	1	1	1	1.00	1.00	\$369,200
Central Exhaust Fans	100%	2	2	2	2	2	2	2	2	2.00	2.00	\$120,400
Mag Conveyor	100%	1	1	1	1	1	1	1	1	1.00	1.00	\$49,000
Hydraulic Door Wagon	100%	1	1	1	1	1	1	1	1	1.00	1.00	\$5,100
Contracted												
Volvo L110 Loader	100%	-	1	1	1	1	1	1	1	1.00	1.00	\$408,000
TRANSFER STATIONS / COMMUNITY RECYCLING CENTRES												
Contracted (Waste Connections)												
Transfer Trailers	11%	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	\$127,500
Transfer Trucks	11%	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	\$137,700
Roll-off Bins												
- 20 yard	100%	12	12	12	12	12	12	12	12	12.00	12.00	\$8,200
- 30 yard	100%	15	15	15	15	15	15	15	15	15.00	15.00	\$10,200
- 40 yard	100%	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	\$12,200
Roll-off Trucks	15%	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	\$178,500
Scales												
- 80' above ground	15%	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	\$100,000
- 80' pit scale	15%	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	\$62,200
Front End Loaders	15%	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	\$408,000
LEAF & YARD COMPOSTING FACILITY												
Contracted (Waste Management Canada)												
Screener	100%	1	1	1	1	1	1	1	1	1.00	1.00	\$255,000
Tub Grinder	100%	1	1	1	1	1	1	1	1	1.00	1.00	\$816,000
Excavator	100%	1	1	1	1	1	1	1	1	1.00	1.00	\$255,000
Conveyor	100%	-	-	-	-	-	-	-	-	-	1.00	\$98,000



**City of Hamilton
Service Standard Calculation Sheet**

Service: Waste Diversion - Vehicles & Equipment
Unit Measure: No. of vehicles and equipment

Description	Percentage Attributable to Diversion	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Value (\$/Vehicle)
MATERIAL RECYCLING FACILITY												
City Owned												
Forklift	100%	1	1	1	1	1	1	1	1	1.00	1.00	\$51,000
Contracted (Canada Fibers Ltd)												
Forklift	100%	1	1	1	1	1	1	1	1	1.00	1.00	\$51,000
Total		206	205	205	206	207	207	207	207	206	207	

Population	519,949	522,456	526,269	529,038	532,521	536,917	542,430	547,562	553,499	559,561
Per Capita Standard	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004

10 Year Average	2011-2020
Quantity Standard	0.0004
Quality Standard	\$153,975
Service Standard	\$62

D.C. Amount (before deductions)	10 Year
Forecast Population	65,046
\$ per Capita	\$62
Eligible Amount	\$4,006,183



**City of Hamilton
Service Standard Calculation Sheet**

Service: Waste Diversion - Carts & Containers
Unit Measure: No. of items

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Value (\$/item)
Blue Boxes	108,000	139,000	183,000	228,000	271,000	319,000	362,000	403,472	416,432	452,720	\$5
Blue Carts	2,400	3,200	3,600	4,000	4,400	5,800	6,300	6,885	7,479	9,243	\$63
Small Green Carts	18,000	18,000	18,000	18,000	18,000	20,100	23,100	28,482	37,842	42,834	\$13
Large Green Carts	169,800	177,300	186,300	198,300	211,300	220,300	229,300	240,068	242,067	247,607	\$43
Mini Bins/Kitchen Organics Containers	214,000	230,000	233,000	237,200	244,200	250,200	256,200	262,536	262,536	266,496	\$2
Blue Bags	36,000	46,000	50,000	56,000	62,000	68,000	74,000	74,000	74,000	80,000	\$2
Gold Boxes	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	3,592	\$5
Blue Barrells	50	50	50	50	50	50	50	50	50	50	\$26
Public Space Litter Container - Jubilees	-	-	-	-	-	200	200	200	200	200	\$765
Public Space Litter Container - Fluted	50	50	50	50	50	50	50	50	50	50	\$102
Total	549,300	614,600	675,000	742,600	812,000	884,700	952,200	1,016,743	1,041,656	1,102,792	

Population	519,949	522,456	526,269	529,038	532,521	536,917	542,430	547,562	553,499	559,561
Per Capita Standard	1.06	1.18	1.28	1.40	1.52	1.65	1.76	1.86	1.88	1.97

10 Year Average	2011-2020
Quantity Standard	1.5557
Quality Standard	\$14
Service Standard	\$22

D.C. Amount (before deductions)	10 Year
Forecast Population	65,046
\$ per Capita	\$22
Eligible Amount	\$1,457,030



City of Hamilton
Service Standard Calculation Sheet

Service: Municipal Parking Services - Spaces
Unit Measure: No. of spaces

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Value (\$/space) Including Land
Carpark #1 (John and Rebecca)	169	169	169	169	169	169	169	169	169	169	\$556,300
Carpark #2 (Ottawa St)	358	358	358	358	358	358	358	358	358	358	\$658,500
Carpark #3 (Mountain Ave)	137	137	137	137	137	137	137	137	137	137	\$640,200
Carpark #4 (Kenilworth Ave)	35	35	35	35	35	35	35	35	35	35	\$180,300
Carpark #5 (King William/Mary)	127	127	127	127	127	127	127	127	127	127	\$403,000
Carpark #6 (Rosedale Dr)	7	7	7	7	7	7	7	7	7	7	\$48,900
Carpark #7 (Main and Ferguson)	60	60	60	60	60	60	60	60	60	60	\$184,000
Carpark #8 (King and Jarvis)	47	47	47	47	47	47	47	47	47	47	\$169,400
Carpark #9 (Upper Wellington)	15	15	15	15	15	15	15	15	15	15	\$67,200
Carpark #11 (Main and Garside)	9	9	9	9	9	9	9	9	9	9	\$38,000
Carpark #13 (Wilson and James)	16	16	16	16	16	16	16	16	16	16	\$67,200
Carpark #16 (Main and Balmoral)	20	20	20	20	20	20	20	20	20	20	\$63,500
Carpark #17 (Main and Huxley)	19	19	19	19	19	19	19	19	19	19	\$70,800
Carpark #19 (Main and Ottawa)	26	26	26	26	26	26	26	26	26	26	\$111,000
Carpark #20 (Up James/Brantdale)	25	25	25	25	25	25	25	25	25	25	\$103,700
Carpark #21 (Main and Tuxedo)	23	23	23	23	23	23	23	23	23	23	\$78,100
Carpark #22 (King and Locke)	14	14	14	14	14	14	14	14	14	14	\$63,500
Carpark #32 (East and Barton)	26	26	26	26	26	26	26	26	26	26	\$74,500
Carpark #33 (Up James/Genesse)	45	45	45	45	45	45	45	45	45	45	\$158,400
Carpark #34 (Main and Cope)	9	9	9	9	9	9	9	9	9	9	\$48,900
Carpark #35 (Concession and E21st)	24	24	24	24	24	24	24	24	24	24	\$89,100
Carpark #36 (Mulberry)	49	49	49	49	49	49	49	49	49	49	\$202,200
Carpark #37 (Convention Centre)	849	849	849	849	849	849	849	849	849	849	\$1,345,000
Carpark #39 (Barton and Grosvenor)	31	31	31	31	31	31	31	31	31	31	\$111,000
Carpark #40 (City Hall)	418	418	418	418	418	418	418	418	418	418	\$1,472,400
Carpark #42 (Barton and Birch)	41	41	41	41	41	41	41	-	41	-	\$246,000
Carpark #43 (Kenilworth/Newlands)	20	20	20	20	20	20	20	20	20	20	\$63,500
Carpark #44 (Barton and Emerald)	13	13	13	13	13	13	13	13	13	13	\$52,600
Carpark #45 (540 Barton East)	20	20	20	20	20	20	20	20	20	20	\$59,900
Carpark #46 (Barton and William)	15	15	15	15	15	15	15	15	15	15	\$67,200



City of Hamilton
Service Standard Calculation Sheet

Service: Municipal Parking Services - Spaces
Unit Measure: No. of spaces

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Value (\$/space) Including Land
Carpark #47 (Barton and Barnesdale)	21	21	21	21	21	21	21	21	21	21	\$74,500
Carpark #49 (Barton and Caroline)	41	41	41	41	41	41	41	41	41	41	\$180,300
Carpark #50 (Cannon and Birch)	30	30	30	30	30	30	30	-	30	-	\$96,400
Carpark #56 (Main and Emerald)	18	18	18	18	18	18	18	18	18	18	\$70,800
Carpark #58 (Barton and Harmony)	34	34	34	34	34	34	34	34	34	34	\$63,500
Carpark #62 (Vine St)	137	137	137	137	137	137	137	137	137	137	\$359,200
Carpark #64 (Sherman Ave N)	18	18	18	18	18	18	18	18	18	18	\$78,100
Carpark #66 (Bay and Cannon)	91	91	91	91	91	91	91	91	91	91	\$282,500
Carpark #68 (York Parkade)	813	813	813	813	813	813	813	813	813	813	\$462,800
Carpark #69 (York Blvd)	17	17	17	17	17	17	17	17	17	17	\$59,900
Carpark #70 (Hughson St)	24	24	24	24	24	24	24	24	24	24	\$74,500
Carpark #72 (King and East)	21	21	21	21	21	21	21	21	21	21	\$78,100
Carpark #73 (King William/Wellington)	36	36	36	36	36	36	36	36	36	36	\$121,900
Carpark #74 (King and Hess)	11	11	11	11	11	11	11	11	11	11	\$56,200
Carpark #76 (Catharine and Hunter)	55	55	55	55	55	55	55	55	55	55	\$158,400
Carpark #79 (402 Barton St)	24	24	24	24	24	24	24	24	24	24	\$81,800
Carpark #80 (King and Bay)	205	205	205	205	205	205	205	205	205	205	\$596,400
Carpark #81 (Ferguson Ave)	14	14	14	14	14	14	14	14	14	14	\$78,100
Carpark #82 (Victoria and Barton)	39	39	39	39	39	39	39	39	39	39	\$136,500
Carpark #84 (Kenilworth and Albany)	29	29	29	29	29	29	29	29	29	29	\$111,000
Carpark #1DU (Booth St)	40	40	40	40	40	40	40	40	40	40	\$169,400
Carpark #2DU (Post Office)	18	18	18	18	18	18	18	18	18	18	\$111,000
Carpark #3DU (Canada Trust)	43	43	43	43	43	43	43	43	43	43	\$136,500
Carpark #4DU (Royal Bank)	83	83	83	83	83	83	83	83	83	83	\$278,900
Carpark #5DU (Golden Valley)	41	41	41	41	41	41	41	41	41	41	\$151,100
Carpark #6DU (Coach House)	42	42	42	42	42	42	42	42	42	42	\$180,300
Carpark #7DU (Hatt St)	94	94	94	94	94	94	94	94	94	94	\$395,700



**City of Hamilton
Service Standard Calculation Sheet**

Service: Municipal Parking Services - Spaces
Unit Measure: No. of spaces

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Value (\$/space) Including Land
Carpark #9DU (Bank of Montreal)	7	7	7	7	7	7	7	7	7	7	\$41,600
Carpark #10A (Wilson St/Ancaster)	38	38	38	38	38	38	38	38	38	38	\$220,500
Dundas St./Flamborough	16	16	16	16	16	16	16	16	16	16	\$63,500
Total	4,767	4,767	4,767	4,767	4,767	4,767	4,767	4,696	4,767	4,696	

Population	519,949	522,456	526,269	529,038	532,521	536,917	542,430	547,562	553,499	559,561
Per Capita Standard	0.0092	0.0091	0.0091	0.0090	0.0090	0.0089	0.0088	0.0086	0.0086	0.0084

10 Year Average	2011-2020
Quantity Standard	0.0089
Quality Standard	\$31,571
Service Standard	\$281

D.C. Amount (before deductions)	10 Year
Forecast Population	65,046
\$ per Capita	\$281
Eligible Amount	\$18,276,625



City of Hamilton
Service Standard Calculation Sheet

Service: Municipal Parking Services- Meters
Unit Measure: No. of Meters

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Value (\$/item)
Parking Meters (On-Street)	2,674	2,574	2,515	2,702	2,714	2,426	2,426	2,426	2,426	2,426	\$600
Parking Meters (Off-Street)	-	-	77	77	77	77	57	-	57	-	\$600
Pay and Display Machine Spaces (On-Street)	14	18	16	16	16	16	16	16	16	16	\$5,300
Pay and Display Machine Spaces (Off-Streets)	-	-	72	72	72	72	72	72	72	72	\$5,300
Pay on foot Pay Stations	4	4	7	7	7	7	7	7	7	7	\$45,000
Pay on foot exit/entry terminals	13	13	13	13	13	13	13	13	13	13	\$7,900
Coin Sorter Machine	1	1	1	1	1	1	1	1	1	1	\$13,000
Coin Wrapper Machines	2	2	2	2	2	2	2	2	2	2	\$27,000
Electric Vehicles Charging Stations	-	-	2	2	2	2	2	2	2	2	\$10,000
Total	2,708	2,612	2,705	2,892	2,904	2,616	2,596	2,539	2,596	2,539	

Population	519,949	522,456	526,269	529,038	532,521	536,917	542,430	547,562	553,499	559,561
Per Capita Standard	0.0052	0.0050	0.0051	0.0055	0.0055	0.0049	0.0048	0.0046	0.0047	0.0045

10 Year Average	2011-2020
Quantity Standard	0.0050
Quality Standard	\$896
Service Standard	\$4

D.C. Amount (before deductions)	10 Year
Forecast Population	65,046
\$ per Capita	\$4
Eligible Amount	\$291,406



**City of Hamilton
Service Standard Calculation Sheet**

Service: Municipal Parking Services- Facilities
Unit Measure: sq.ft. of building area

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Building Value (\$/sq.ft.)	Value/ft ² with land, site works, etc.
Hamilton Place & Convention Centre Parking Garage:												
Main Office	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	\$225	\$274
Middle Office	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	\$225	\$274
Squad Room	800	800	800	800	800	800	800	800	800	800	\$225	\$274
Workshop	23,000	23,000	23,000	23,871	23,871	23,871	23,871	23,871	23,871	23,871	\$147	\$188
Total	31,200	31,200	31,200	32,071	32,071	32,071	32,071	32,071	32,071	32,071		

Population	519,949	522,456	526,269	529,038	532,521	536,917	542,430	547,562	553,499	559,561
Per Capita Standard	0.0600	0.0597	0.0593	0.0606	0.0602	0.0597	0.0591	0.0586	0.0579	0.0573

10 Year Average	2011-2020
Quantity Standard	0.0592
Quality Standard	\$1,449
Service Standard	\$86

D.C. Amount (before deductions)	10 Year
Forecast Population	65,046
\$ per Capita	\$86
Eligible Amount	\$5,578,995



**City of Hamilton
Service Standard Calculation Sheet**

Service: Airport Lands
Unit Measure: acres of land

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Value (\$/Acre)
Airport Land	1,561	1,561	1,561	1,561	1,561	1,561	1,561	1,561	1,561	1,561	\$100,000
Total	1,561	1,561	1,561	1,561	1,561	1,561	1,561	1,561	1,561	1,561	

Population	519,949	522,456	526,269	529,038	532,521	536,917	542,430	547,562	553,499	559,561
Per Capita Standard	0.0030	0.0030	0.0030	0.0030	0.0029	0.0029	0.0029	0.0029	0.0028	0.0028

10 Year Average	2011-2020
Quantity Standard	0.0029
Quality Standard	\$100,290
Service Standard	\$291

D.C. Amount (before deductions)	10 Year
Forecast Population	65,046
\$ per Capita	\$291
Eligible Amount	\$18,917,979



Appendix C

Draft Amending Development Charge By-law



City of Hamilton

By-law Number 21-__

Being a By-Law of the City of Hamilton To Amend By-Law 19-142, Respecting Development Charges

Whereas the City of Hamilton (the “City”) enacted By-law 19-142 pursuant to the *Development Charges Act, 1997*, S.O. 1997, c. 27, as amended (the “Act”), which Act authorizes Council to pass By-laws for the imposition of development charges against land;

And Whereas the City has undertaken a study pursuant to the Act which has provided updated Schedule A (Table A2) to By-law 19-142;

And Whereas the Council of the City of Hamilton (“Council”) has before it a report entitled “City of Hamilton 2021 Development Charge Update Study” prepared by Watson & Associates Economists Ltd., dated March 5, 2021 (the “update study”);

And Whereas the update study and proposed amending By-law were made available to the public on March 5, 2021 and Council gave notice to the public pursuant to Section 12 of the Act.

And Whereas Council, on April 22, 2021 held a meeting open to the public, pursuant to Section 12 of the Act, at which Council considered the study, and written and oral submissions from the public;

NOW THEREFORE Council hereby enacts as follows:

1. By-law 19-142 is hereby amended as follows:

A. Addition of Accessory Dwelling to the definitions in Section 1 as follows:

“Accessory Dwelling” means a self-contained residential unit that is subordinate in purpose to another residential dwelling unit upon the same lot and includes a garden suite and a mobile home.

B. Addition of Ancillary Residential Building to the definitions in Section 1 as follows:



“Ancillary Residential Building” means a residential building that would be ancillary to a detached dwelling, semi-detached dwelling, or row dwelling and includes an accessory dwelling.

C. Addition of Class to the definitions in Section 1 as follows:

“Class” means a grouping of services combined to create a single service for the purposes of this By-law and as provided in Section 7 of the Development Charges Act.

D. Addition of Hospice to the definitions in Section 1 as follows:

“Hospice” means a building or portion of a mixed-use building designed and intended to provide palliative care and emotional support to the terminally ill in a home or homelike setting so that quality of life is maintained, and family members may be active participants in care.

E. Addition of Institutional Development to definitions in Section 1 as follows:

“Institutional Development” means development of a building or structure intended for use:

- (i) as a long-term care home within the meaning of Subsection 2 (1) of the *Long-Term Care Homes Act, 2007*;
- (ii) as a retirement home within the meaning of Subsection 2 (1) of the *Retirement Homes Act, 2010*;
- (iii) by any of the following post-secondary institutions for the objects of the institution:
 - 1. a university in Ontario that receives direct, regular, and ongoing operating funding from the Government of Ontario,
 - 2. a college or university federated or affiliated with a university described in subclause (1), or
 - 3. an Indigenous Institute prescribed for the purposes of Section 6 of the *Indigenous Institutes Act, 2017*;
- (iv) as a memorial home, clubhouse, or athletic grounds by an Ontario branch of the Royal Canadian Legion; or



(v) as a hospice to provide end of life care.

F. Addition of Interest Rate to the definitions in Section 1 as follows:

“Interest Rate” means the annual rate of interest calculated as per the City’s D.C. Interest Policy (FPAP-DC-002), as may be revised from time to time.

G. Addition of Non-profit Housing Development to the definitions in Section 1 as follows:

“Non-profit Housing Development” means development of a building or structure intended for use as residential premises by,

- (i) a corporation without share capital to which the Corporations Act applies, that is in good standing under that Act and whose primary object is to provide housing;
- (ii) a corporation without share capital to which the Canada Not-for-profit Corporations Act applies, that is in good standing under that Act and whose primary object is to provide housing; or
- (iii) a non-profit housing co-operative that is in good standing under the Co-operative Corporations Act, or any successor legislation.

H. Addition of Rental Housing to the definitions in Section 1 as follows:

“Rental Housing” means development of a building or structure with four or more dwelling units all of which are intended for use as rented residential premises;

I. Addition of Site to the definitions in Section 1 as follows:

“Site” means a parcel of land which can be legally conveyed pursuant to Section 50 of the Planning Act and includes a development having two or more lots consolidated under on identical ownership.

J. Addition of Zoning By-law to the definitions in Section 1 as follows:

“Zoning By-law” means the Zoning By-law No. 05-200, 87-57, 3581-86, 90-145-Z, 464, 6593, 3692-92, as appropriate based on development type and location, of the City, or any successor thereof.



- K. Replace Section titled “Designation of Services,” inclusive of and Sections 10 and 11, with the following:

Designation of Services/Class of Services

10. All Development of land within the area to which this By-law applies will increase the need for Services/Class of Services.
11. The Development Charges applicable to a Development as determined pursuant to this By-law shall apply without regard to the Services/Class of Services required or used by an individual Development.

- L. Replace Section 19 for “Exemptions for Intensification of Existing Housing or New Housing” with the following:

19.

- (a) No Development Charge shall be imposed where the only effect of an action referred to in Section 12 of this By-law is to:
 - (i) permit an enlargement to an existing residential Dwelling Unit;
 - (ii) permit the creation of one or two additional Dwelling Units in an existing single detached dwelling or a prescribed ancillary residential dwelling structure to the existing residential building;
 - (iii) permit the creation of additional dwelling units equal to the greater of one Dwelling Unit or one percent of the existing Dwelling Units in existing Rental Housing or a prescribed ancillary residential dwelling structure to the existing residential building;
 - (iv) permit the creation of one additional dwelling unit in any other existing residential building already containing at least one Dwelling Unit or prescribed ancillary residential dwelling structure to the existing residential building; or
 - (v) permit the creation of a second dwelling unit in prescribed classes of proposed new residential buildings, including residential dwelling structures ancillary to dwellings, subject to the following restrictions:



Item	Name of Class of Proposed New Residential Buildings	Description of Class of Proposed New Residential Buildings	Restrictions
1	Proposed new detached dwellings	Proposed new residential buildings that would not be attached to other buildings and that are permitted to contain a second dwelling unit, that being either of the two dwelling units, if the units have the same gross floor area, or the smaller of the dwelling units.	The proposed new detached dwelling must only contain two dwelling units. The proposed new detached dwelling must be located on a parcel of land on which no other detached dwelling, semi-detached dwelling or row dwelling would be located.
2	Proposed new semi-detached dwellings or row dwellings	Proposed new residential buildings that would have one or two vertical walls, but no other parts, attached to other buildings and that are permitted to contain a second dwelling unit, that being either of the two dwelling units, if the units have the same gross floor area, or the smaller of the dwelling units.	The proposed new semi-detached dwelling or row dwelling must only contain two dwelling units. The proposed new semi-detached dwelling or row dwelling must be located on a parcel of land on which no other detached dwelling, semi-detached dwelling or row dwelling would be located.
3	Proposed new residential buildings that would be ancillary to a proposed new detached dwelling, semi-detached dwelling or row dwelling	Proposed new residential buildings that would be ancillary to a proposed new detached dwelling, semi-detached dwelling or row dwelling and that are permitted to contain a single dwelling unit.	The proposed new detached dwelling, semi-detached dwelling or row dwelling, to which the proposed new residential building would be ancillary, must only contain one dwelling unit. The gross floor area of the dwelling unit in the proposed new residential building must be equal to or less than the gross floor area of the detached dwelling, semi-detached dwelling or row dwelling to which the proposed new residential building is ancillary.

- (b) Notwithstanding (a) above, Development Charges shall be imposed if the total Gross Floor Area of the additional one or two units exceeds the Gross Floor Area of the existing Dwelling Unit.
- (c) Notwithstanding (a) above, Development Charges shall be imposed if the additional Dwelling Unit(s) has a Gross Floor Area greater than:
- (vi) in the case of a Semi-detached Dwelling Unit or Townhouse Dwelling Unit, the Gross Floor Area of the existing Dwelling Unit; and
 - (vii) in the case of any other Residential Building, the Gross Floor Area of the smallest Dwelling Unit contained in the said residential Building.
- (d) The exemption to Development Charges in (a) above shall only apply to the first instance of intensification in an existing or new dwelling.
- (e) Subject to (b), (c) and (d) above, any exemption under (a) above shall apply to the smallest Dwelling Unit, as determined by applicable rates under this By-law.

M. Reference in Section 33 is changed to reflect renumbering:

Subject to the provisions of Sections 34 and 35, Development Charges are payable at the time a building permit is issued with respect to a Development.



- N. Addition of policies related to the timing of development charges payments. These will be included after Section 33 of the development charges by-law:

New Sections:

34. Notwithstanding Section 33, Development Charges for Rental Housing and Institutional Developments are due and payable in six equal annual instalment payments commencing with the first instalment payable on the date of occupancy, and each subsequent instalment, including interest as per the City's D.C. Interest Policy (FPAP-DC-002), as may be revised from time to time.
35. Notwithstanding Section 33, Development Charges for Non-profit Housing Developments are due and payable in 21 equal annual instalment payments commencing with the first instalment payable on the date of occupancy, and each subsequent instalment, including interest as per the City's Interest policy (FPAP-DC-002), as may be revised from time to time.

- O. Sections 34 to 50 of the By-law are renumbered to 36 to 52, respectively.

- P. Replace Section 39 (renumbered to 41) "**Reserve Fund Report**" with the following:

The General Manager of Finance and Corporate Services shall, in each year prior to June 30 thereof, commencing June 30, 2020 for the 2019 year, furnish to Council a statement in respect of the reserve funds required by the Act for the Services/Classes of Services to which this By-law relates, for the prior year, containing the information set out in Section 43 of the Act and Section 12 of the Regulation.

- Q. Schedule "A" is deleted, and the attached Schedule "A" is substituted, therefore.

2. This By-law shall come into force and effect at 12:01AM on July 6, 2021.
3. Except as amended by this By-law, all provisions of By-law 19-142, as amended, are and shall remain in full force and effect.



By-law read a first and second time this 6th day of June, 2021.

By-law read a third time and finally passed this 6th day of June, 2021.

Mayor: _____

Clerk: _____



SCHEDULE A, TO BY-LAW 19-142
MUNICIPAL WIDE DEVELOPMENT CHARGES – EFFECTIVE JULY 6, 2021
(2019 \$)

Table A2:

Service/Class of Service	RESIDENTIAL					NON-RESIDENTIAL
	Single-Detached Dwelling & Semi-Detached Dwelling (per dwelling unit)	Townhouses & Other Multiple Unit Swellings (per dwelling unit)	Apartments & Stacked Townhouses & Mobile Homes 2-Bedrooms+ (per dwelling unit)	Apartments & Stacked Townhouses & Mobile Homes Bachelor & 1-Bedrooms+ (per dwelling unit)	Residential Facility Dwelling & Lodging House & Garden Suite (per bedroom)	(per sq.ft. of Gross Floor Area)
Municipal Wide Services/Classes:						
Services Related to a Highway	10,769	7,708	6,306	4,314	3,479	8.05
Police Services	524	375	307	210	169	0.26
Fire Protection Services	462	331	271	185	149	0.23
Transit Services	1,917	1,372	1,123	768	619	0.98
Public Works	805	576	471	322	260	0.41
Ambulance Services	148	106	87	59	48	0.02
Waste Diversion	730	522	427	292	236	0.13
Parks and Recreation Services	7,528	5,388	4,408	3,016	2,432	0.35
Library Services	1,145	819	671	459	370	1.00
Long Term Care	182	130	107	73	59	0.02
Public Health	3	2	2	1	1	-
Child Care and Early Years	15	11	9	6	5	-
Housing Services	752	538	440	301	243	-
Provincial Offences Act	40	29	23	16	13	0.02
Growth Studies	404	289	237	162	131	0.21
Total Municipal Wide Services/Classes	25,424	18,196	14,889	10,184	8,214	11.67



SCHEDULE A, TO BY-LAW 19-142
MUNICIPAL WIDE DEVELOPMENT CHARGES
EFFECTIVE JULY 6, 2021 TO SEPTEMBER 18, 2022
(2019 \$)

Table A3:

Service/Class of Service	RESIDENTIAL					NON-RESIDENTIAL
	Single-Detached Dwelling & Semi-Detached Dwelling (per dwelling unit)	Townhouses & Other Multiple Unit Swellings (per dwelling unit)	Apartments & Stacked Townhouses & Mobile Homes 2-Bedrooms+ (per dwelling unit)	Apartments & Stacked Townhouses & Mobile Homes Bachelor & 1-Bedrooms+ (per dwelling unit)	Residential Facility Dwelling & Lodging House & Garden Suite (per bedroom)	(per sq.ft. of Gross Floor Area)
Municipal Wide Services/Classes:						
Municipal Parking	559	400	327	224	181	0.29
Airport Lands	471	337	276	189	152	0.24
Total Municipal Wide Services/Classes	1,030	737	603	413	333	0.53



City of Hamilton 2021 Development Charges Update

Second D.C. Stakeholder Meeting
March 11, 2021



Agenda

- Introductions
- Process and Timelines
- Stakeholder Meeting # 1 Recap
- Service Standards & Capital Infrastructure Needs
- Calculated Rates and Comparison to Current Rates
- Next Steps
- Implementation & Impact

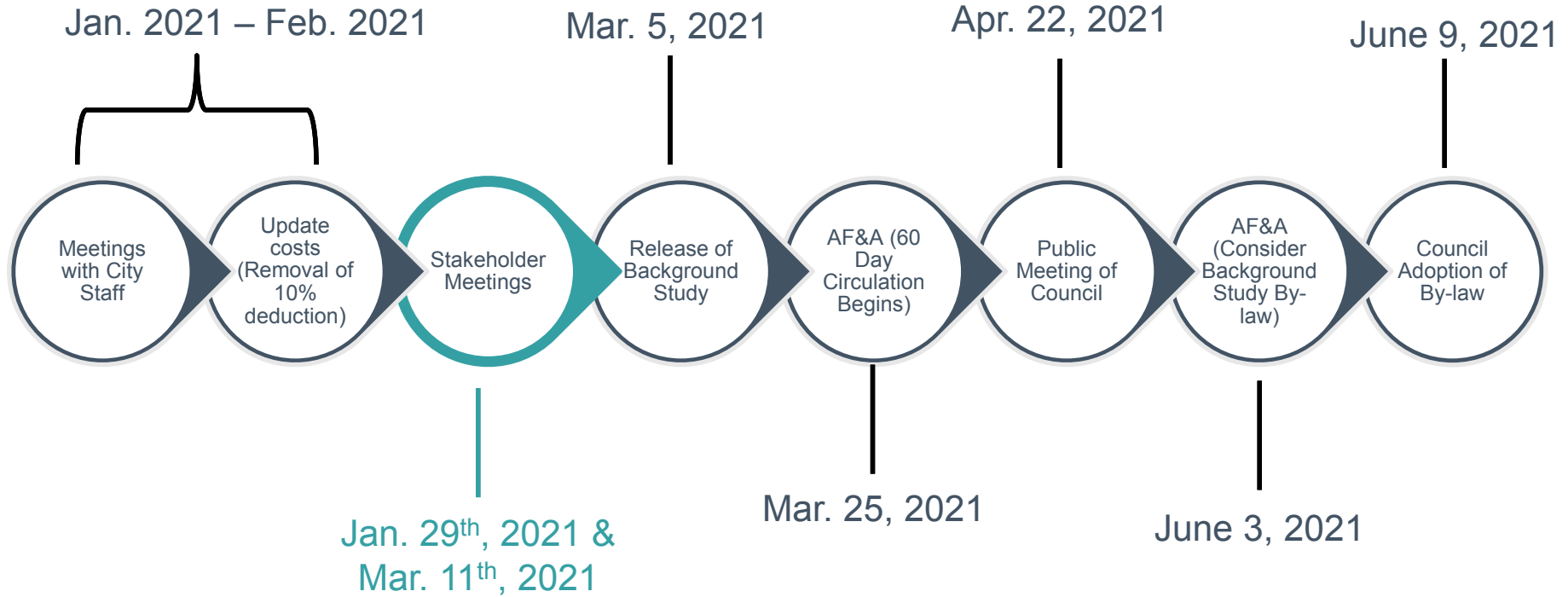


Process & Timelines

City of Hamilton
2021 Development Charges Update



Study Process & Timelines





Stakeholder Meeting #1 Recap

City of Hamilton
2021 Development Charges Update



Stakeholder Meeting #1 Recap

The First Stakeholder Presentation took place on January 29th and provided an overview of:

- Development Charges Act Overview
- Changes to the D.C.A. - Bill 108, Bill 138, 197 & 213
- D.C. Methodology
- Services/Classes of Services Being Updated and Created
- By-law Amendments



Service Standards & Capital Infrastructure Needs

City of Hamilton
2021 Development Charges Update



Service Standards

- Service standard measure provides a ceiling on the level of the charge which can be imposed
- The D.C.A. requires the calculation to be based on “quantity” and “quality” measures and are “averaged over the past 10 years
- This involves reviewing capital inventories in detail over past 10 years
- Note that this measure does not apply to studies, water, wastewater, stormwater and Transit (which now has a forward-looking service standard)



Service Standard Summary

The following provides a summary of the updated service standard calculations for service being updated in this study:

SUMMARY OF SERVICE STANDARDS AS PER DEVELOPMENT CHARGES ACT, 1997, AS AMENDED FOR 2021 UPDATE STUDY

Service Category	Sub-Component	10 Year Average Service Standard					Maximum Ceiling LOS
		Cost (per capita)		Quantity (per capita)	Quality (per capita)		
Public Works Facilities, Fleet & Equipment	Facilities	\$932.16	1.6461	sq.ft. of building area	566	per sq.ft.	80,336,345
	Vehicles and Equipment	\$184.37	0.0023	No. of vehicles and equipment	80,161	per vehicle	15,889,560
Parks and Recreation	Parkland Development	\$441.37	0.0113	Acres of Parkland	39,059	per acre	28,709,353
	Parkland Amenities	\$579.54	0.0336	No. of parkland amenities	17,248	per amenity	37,696,759
	Parkland Amenities - Buildings	\$11.98	0.1145	sq.ft. of building area	105	per sq.ft.	779,251
	Parkland Trails	\$22.08	0.0001	Linear Kilometres of Paths and Trails	220,800	per lin m.	1,436,216
	Parks Vehicles and Equipment	\$0.25	0.0001	No. of vehicles and equipment	5,000	per vehicle	16,262
	Indoor Recreation Facilities	\$2,957.26	4.2984	sq.ft. of building area	688	per sq.ft.	192,357,934
	Indoor Recreation Facilities - Buildings Within Parks	\$185.77	0.4261	sq.ft. of building area	436	per sq.ft.	12,083,595
	Recreation Vehicles and Equipment	\$0.53	0.0001	No. of vehicles and equipment	5,300	per vehicle	34,474
Library Services	Library Facilities	\$388.12	0.7253	sq.ft. of building area	535	per sq.ft.	25,245,654
	Library Vehicles	\$2.36	0.00001	No. of vehicles and equipment	196,667	per vehicle	153,509
	Library Collection Materials	\$65.19	2.0273	No. of library collection items	32	per collection item	4,240,349
Ambulance	Ambulance Facilities	\$40.28	0.1278	sq.ft. of building area	315	per sq.ft.	2,620,053
	Ambulance Vehicles	\$30.26	0.0005	No. of vehicles and equipment	60,520	per vehicle	1,968,292
Long Term Care	Long-Term Care Facilities	\$301.20	0.6301	sq.ft. of building area	478	per sq.ft.	19,591,855
Housing Services	Housing Services Facilities	\$1,630.65	10.57	sq.ft. of building area	154.21	per sq.ft.	106,067,260
Provincial Offences Administration	Provincial Offences Act - Administration Facilities	\$28.41	0.0557	sq.ft. of building area	510.05	per sq.ft.	1,847,957
Public Health	Public Health Services - Facilities	\$80.35	0.1976	sq.ft. of building area	407	per sq.ft.	5,226,446
	Public Health Services - Vehicles	\$0.83	0.000002	No. of vehicles	406,488	per vehicle	53,988
Child Care and Early Years	Child Care and Early Years - Facilities	\$30.49	0.0717	sq.ft. of building area	425	per sq.ft.	1,983,253
Waste Diversion	Waste Diversion - Facilities - Stations/Depots	\$275.41	0.7018	sq.ft. of building area	392	per sq.ft.	17,914,319
	Waste Diversion - Vehicles & Equipment	\$61.59	0.0004	No. of vehicles and equipment	153,975	per vehicle	4,006,183
	Waste Diversion - Carts & Containers	\$22.40	1.5557	No. of items	14	per item	1,457,030
Parking Services	Municipal Parking Services - Spaces	\$280.98	0.0089	No. of spaces	31,571	per space	18,276,625
	Municipal Parking Services- Meters	\$4.48	0.0050	No. of Meters	896	per meter	291,406
	Municipal Parking Services- Facilities	\$85.77	0.0592	sq.ft. of building area	1,449	per sq.ft.	5,578,995
Airport	Airport Lands	\$290.84	0.0029	acres of land	100,290	per sq.ft.	18,917,979



Capital Costs

- Capital Cost definition has been broadened to include:
 - Acquire land or interest in land
 - Improve land
 - Acquire, lease, construct or improve buildings, facilities and structures (includes furniture and equipment)
 - Equipment and rolling stock
 - Capital component of a lease for the above
 - Circulation materials for Libraries
 - Studies for above including a D.C. Background Study
 - Interest on money borrowed to pay for the above



Capital Costs (cont'd)

- Certain Capital Costs may not be included:
 - Parkland Acquisition
 - Vehicle & Equipment with avg. life of <7 yrs.
 - Computer Equipment that is not integral to the delivery of the service
- Any planning horizon for future capital needs can be used, except for Transit (which is limited to 10 years)
- Capital costs must be reduced by grants, subsidies and other contributions.
- May include authorized costs incurred or proposed to be incurred by others on behalf of a municipality/local board



Updates to Growth Related Capital Needs

(As Per Legislative Changes)

- Removal of 10% mandatory deduction for Ambulance, Waste Diversion, Parks & Recreation, Library, Long-Term Care, Public Health, Child Care and Early Years, Housing, Provincial Offences Act (P.O.A.), Public Works, and Growth Studies.
- Removal of 10% mandatory deduction for Parking Services & Airport Lands (collected until Sept. 18, 2022).
- The Capital Projects Listing identified in the 2019 D.C. Background Study for the above-mentioned projects have not changed for most services except:
 - Removal of Studies that do not directly relate to an eligible service, as per the revisions to the D.C.A. (e.g. City-wide employment survey, Natural Areas Inventory Study, Woodland Protection Strategy, etc.).
 - A 10% deduction against Planning Studies (e.g. Official Plan, Secondary Plans, Community Planning Studies, etc.) to recognize the portion of the study related to ineligible services.
 - Addition of this D.C. Update Study and future full D.C. Studies required over the forecast period.
 - Moved Parking study to be part of Parking Services D.C. calculation for continued D.C. recovery during the transition period.



Updates to Growth Related Capital Needs

The Capital Project Listing for Long-Term Care has been refined as follows:

- Revised gross cost for Macassa D-Wing Expansion
- Revised Grant/Subsidy information based on application approval by Ministry
- Revised Growth/Non-growth split based on revised number of new beds vs. replacement beds

The Capital Project Listing for Public Works Facilities, Vehicles and Equipment has been refined as follows:

- Removal of Vehicles that do not directly relate to an eligible service, as per the revisions to the D.C.A. (e.g. Building).



Summary of Capital for Updated Services (2019\$)

Prj.No	Services	Gross Capital Cost Estimate (2019\$)	Post Period Benefit	Other Deductions (to recognize benefit to non-D.C. services)	Net Capital Cost	Less:		Potential D.C. Recoverable Cost		
						Benefit to Existing Development	Grants, Subsidies and Other Contributions Attributable to New Development	Total	Residential Share	Non-Residential Share
1	Ambulance Services	8,852,733	4,727,900	-	4,124,833	-	-	4,124,833	3,712,350	412,483
2	Public Works	58,433,987	-	-	58,433,987	16,696,472	-	41,737,515	25,877,259	15,860,256
3	Airport Lands	28,000,000	7,280,000	-	20,720,000	1,990,849	-	18,729,151	11,799,365	6,929,786
4	Parking Services	56,280,000	4,930,000	-	51,350,000	29,111,772	-	22,238,228	14,010,084	8,228,144
5	Waste Diversion Services	55,149,510	6,372,000	-	48,777,510	26,722,600	-	22,054,910	18,305,575	3,749,335
6	Parks & Recreation Services	340,620,005	88,580,600	-	252,039,405	52,448,063	1,000,000	198,591,342	188,661,775	9,929,567
7	Library Services	78,670,183	20,283,300	-	58,386,883	26,925,400	1,250,000	30,211,483	28,700,909	1,510,574
8	Long-Term Care Services	49,300,000	-	-	49,300,000	39,831,114	4,414,100	5,054,786	4,549,307	505,479
9	Public Health Services	583,000	-	-	583,000	500,402	-	82,598	74,338	8,260
10	Child Care and Early Years Services	2,415,379	-	-	2,415,379	-	2,000,000	415,379	373,841	41,538
11	Housing Services	510,508,000	52,720,000	-	457,788,000	433,052,851	5,900,000	18,835,149	18,835,149	-
12	P.O.A.	3,431,276	1,604,761	-	1,826,515	233,372	-	1,593,142	1,003,680	589,463
13	Growth Studies	23,612,502	-	1,659,980	21,952,522	5,894,880	-	16,057,642	10,116,321	5,941,321
	Total	1,215,856,574	186,498,561	1,659,980	1,027,698,033	633,407,776	14,564,100	379,726,157	326,019,952	53,706,205



Updated Service Standard Summaries (2019\$)

Service Standard	2021 Maximum D.C. Cap (2019\$)	Growth Related Capital Needs (2019\$)*
Ambulance Services *	4,588,345	4,114,293
Public Works	96,225,905	41,737,515
Airport Lands	18,917,979	18,729,151
Parking Services	24,147,027	22,238,228
Waste Diversion Services	23,377,532	22,054,910
Parks & Recreation Services*	273,113,844	194,815,293
Library Services*	29,639,511	28,657,773
Long-Term Care Services	19,591,855	5,054,786
Public Health Services	5,280,434	82,598
Child Care and Early Years Services	1,983,253	415,379
Housing Services	106,067,260	18,835,149
P.O.A.*	1,847,957	1,462,234
Growth Studies	n/a	16,057,642
Total	604,780,901	374,254,951

* Growth Related Capital Needs are net of \$5.47 million in financing charges on outstanding debt that are included in the D.C. calculations in addition to the maximum D.C. Cap



Calculated Rates

City of Hamilton
2021 Development Charges Update



Calculated Rates (2019\$)

Service/Class of Service	RESIDENTIAL					NON-RESIDENTIAL
	Single-Detached Dwelling & Semi-Detached Dwelling (per dwelling unit)	Townhouses & Other Multiple Unit Swellings (per dwelling unit)	Apartments & Stacked Townhouses & Mobile Homes 2-Bedrooms+ (per dwelling unit)	Apartments & Stacked Townhouses & Mobile Homes Bachelor & 1-Bedrooms+ (per dwelling unit)	Residential Facility Dwelling & Lodging House & Garden Suite (per bedroom)	(per sq.ft. of Gross Floor Area)
Municipal Wide Services/Classes:						
Services Related to a Highway	10,769	7,708	6,306	4,314	3,479	8.05
Police Services	524	375	307	210	169	0.26
Fire Protection Services	462	331	271	185	149	0.23
Transit Services	1,917	1,372	1,123	768	619	0.98
Public Works	805	576	471	322	260	0.41
Ambulance Services	148	106	87	59	48	0.02
Waste Diversion	730	522	427	292	236	0.13
Parks and Recreation Services	7,528	5,388	4,408	3,016	2,432	0.35
Library Services	1,145	819	671	459	370	1.00
Long Term Care	182	130	107	73	59	0.02
Public Health	3	2	2	1	1	-
Child Care and Early Years	15	11	9	6	5	-
Housing Services	752	538	440	301	243	-
Provincial Offences Act	40	29	23	16	13	0.02
Growth Studies	404	289	237	162	131	0.21
Municipal Parking	559	400	327	224	181	0.30
Airport Lands	471	337	276	189	152	0.24
Total Municipal Wide Services/Classes	26,454	18,933	15,492	10,597	8,547	12.21
Urban Services						
Wastewater Facilities	4,048	2,897	2,371	1,622	1,308	1.95
Wastewater Linear Services	5,415	3,876	3,171	2,169	1,749	2.61
Water Services	4,767	3,412	2,792	1,910	1,540	2.29
Combined Sewer System						
Stormwater Drainage and Control Services	3,948	2,826	2,312	1,582	1,275	-
Separated Sewer System						
Stormwater Drainage and Control Services	10,462	7,488	6,127	4,191	3,380	2.16
Total Urban Services - Combined Sewer System	18,178	13,011	10,646	7,283	5,872	6.85
Total Urban Services - Separated Sewer System	24,692	17,673	14,461	9,892	7,977	9.01
GRAND TOTAL CITY WIDE	26,454	18,933	15,492	10,597	8,547	12.21
GRAND TOTAL URBAN AREA (COMBINED SEWER SYSTEM)	44,632	31,944	26,138	17,880	14,419	19.06
GRAND TOTAL URBAN AREA (SEPARATED SEWER SYSTEM)	51,146	36,606	29,953	20,489	16,524	21.22



Comparison of Rates – Residential Single Detached (2019\$)

Service	Current (By-law 19-142) (2019\$)	D.C. Update (2019 \$)
Municipal Wide Services:		
Services Related to a Highway	10,769	10,769
Police Services	524	524
Fire Protection Services	462	462
Transit Services	1,917	1,917
Ambulance Services	137	148
Public Works	784	805
Waste Diversion	657	730
Parks and Recreation Services	6,782	7,528
Library Services	1,045	1,145
Long Term Care	125	182
Public Health	1	3
Child Care and Early Years	15	15
Housing Services	648	752
Provincial Offences Act	40	40
Growth Studies	496	404
Municipal Parking	490	559
Airport Lands	419	471
Total Municipal Wide Services	25,311	26,454
Water and Wastewater Urban Area Charges:		
Wastewater Facilities	4,048	4,048
Wastewater Linear Services	5,415	5,415
Water Services	4,767	4,767
Total Water and Wastewater Urban Area Services	14,230	14,230
Stormwater Charges:		
Stormwater Drainage and Control Services (Combined Sewer System)	3,948	3,948
Stormwater Drainage and Control Services (Separated Sewer System)	10,462	10,462
GRAND TOTAL CITY WIDE	25,311	26,454
GRAND TOTAL URBAN AREA COMBINED SEWER SYSTEM	43,489	44,632
GRAND TOTAL URBAN AREA SEPARATED SEWER SYSTEM	50,003	51,146

Calculated rate in 2019\$



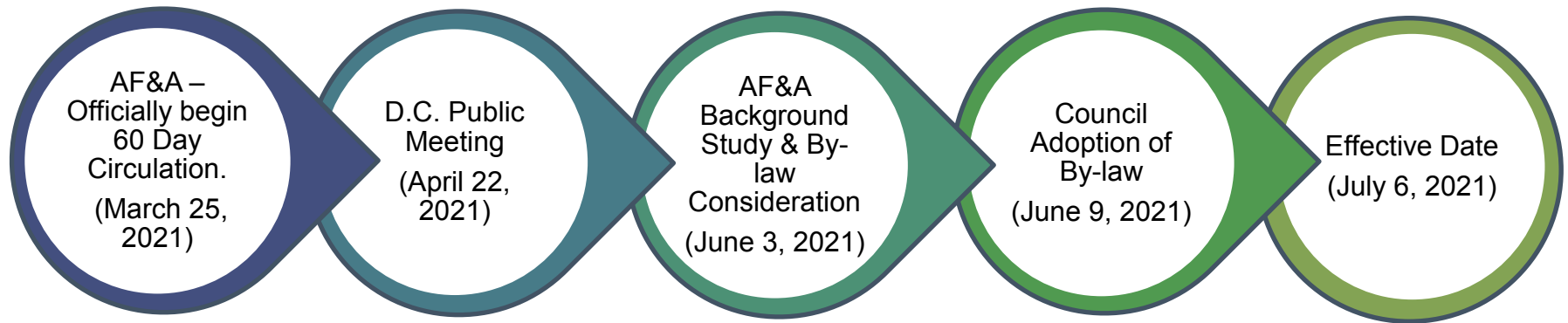
Comparison of Rates – Non-Residential Per Sq. Ft. (2019\$)

Service	Current (By-law 19-142) (2019\$)	D.C. Update (2019 \$)
City Wide Services:		
Services Related to a Highway	8.05	8.05
Police Services	0.26	0.26
Fire Protection Services	0.23	0.23
Transit Services	0.98	0.98
Ambulance Services	0.03	0.02
Public Works	0.41	0.41
Waste Diversion	0.13	0.13
Parks and Recreation Services	0.31	0.35
Library Services	0.05	1.00
Long Term Care	0.01	0.02
Public Health	-	-
Child Care and Early Years	-	-
Housing Services	-	-
Provincial Offences Act	0.02	0.02
Growth Studies	0.25	0.21
Municipal Parking	0.25	0.30
Airport Lands	0.21	0.24
Total City Wide Services	11.18	12.21
Water and Wastewater Urban Area Charges:		
Wastewater Facilities	1.95	1.95
Wastewater Linear Services	2.61	2.61
Water Services	2.29	2.29
Total Water and Wastewater Urban Area Services	6.85	6.85
Stormwater Charges:		
Stormwater Drainage and Control Services (Combined Sewer System)	-	0%
Stormwater Drainage and Control Services (Separated Sewer System)	2.16	216%
GRAND TOTAL CITY WIDE	11.18	12.21
GRAND TOTAL URBAN AREA COMBINED SEWER SYSTEM	18.03	19.06
GRAND TOTAL URBAN AREA SEPARATED SEWER SYSTEM	20.19	21.22

Calculated rate in 2019\$



Next Steps





Implementation & Impact

City of Hamilton
2021 Development Charges Update



Implementation & Impact

- Effective date of July 6, 2021
 - To align with 2021 annual indexing
 - The 2019\$ amounts presented will be indexed to 2021\$
 - The increase in D.C.'s will not be realized through collections immediately due to the City's D.C. rate transition policy and the legislated requirement that freeze's D.C. rates at the date of a complete site plan application or application for zoning amendment
- City Financing impact: Annualized impact based on 1,800 single detached equivalents and 950,000 square feet of non-residential development:
 - Until Sept 18, 2022 - \$3.1 M increase in DC collections
 - After Sept 18, 2022 - \$2.0 M increase in DC collections



Implementation & Impact

- Developer impact:
 - Until Sept 18, 2022
 - 2.2% increase in residential D.C. vs current (\$1,143 per single detached dwelling in 2019\$)
 - 5.0% increase in non-residential D.C. vs current (\$1.03 per sq. ft. in 2019\$)
 - After Sept 18, 2022
 - 0.2% increase in residential D.C. vs current (\$113 per single detached dwelling in 2019\$)
 - 2.5% increase in non-residential D.C. vs current (\$0.50 per sq. ft. in 2019\$)



Thank You

