



AUDIT, FINANCE AND ADMINISTRATION COMMITTEE REPORT 21-009

9:30 a.m.

June 3, 2021

Council Chambers
Hamilton City Hall

Present: Councillors L. Ferguson (Chair), B. Clark, C. Collins, B. Johnson, M. Pearson, A. VanderBeek, and M. Wilson

Also Present: Mayor F. Eisenberger

THE AUDIT, FINANCE AND ADMINISTRATION COMMITTEE PRESENTS REPORT 21-009 AND RESPECTFULLY RECOMMENDS:

1. **CONSENT ITEMS (Item 7)**

That the following Consent Items (Item 7), be received:

- (a) 2021 First Quarter Request for Tenders and Proposals Report (FCS21008) (City Wide) (Item 7.1)
- (b) 2021 First Quarter Emergency and Non-competitive Procurements Report (FCS21009) (City Wide) (Item 7.2)
- (c) 2021 First Quarter Non-Compliance with the Procurement Policy Report (FCS21010) (City Wide) (Item 7.3)

2. **Options for Relief from Municipal Charges for the Taxi and Snow Plow Industries (LS21020) (City Wide) (Item 7.4)**

That Report LS21020, respecting Options for Relief from Municipal Charges for the Taxi and Snow Plow Industries, be received.

3. **Development Agreement Surety Bonds (FCS21056 / LS21021) (City Wide) (Item 10.1)**

- (a) That Development Agreement Surety Bond Policy FPAP-DA-001 and accompanied Development Agreement Surety Bond Language Template, substantially in the form attached as Appendix "A" to Audit, Finance and Administration Committee Report 21-009, be adopted;

- (b) That staff be directed to update the language used in the Development Agreement templates to permit surety bonds as an acceptable form of security; and,
- (c) That staff be directed to bring forward a report to the Audit, Finance and Administration Committee which summarizes the uptake and any challenges encountered with Surety Bonds within 24 months of accepting the first Surety bond under the Development Agreement Surety Bond Policy.

4. Ancaster Tennis Club Loan Request (FCS21032) (Ward 12) (Item 10.2)

- (a) That the General Manager, Finance and Corporate Services, be authorized and directed to enter into an interest free loan agreement with the Ancaster Tennis Club not to exceed \$940,000, inclusive of the previously approved \$290,000 through Report PW17089(a), pursuant to the City's External Loan Guidelines, for the construction of a new dome and related infrastructure to be repaid in full within 15 years of the loan advance, together with a General Security Agreement, both in a form satisfactory to the City Solicitor and General Manager, Finance and Corporate Services;
- (b) That the Ancaster Tennis Club loan be repaid with annual payments on the anniversary dates of the loan advance as reflected in the repayment schedule attached hereto as Appendix "A" to Report FCS21032;
- (c) That the Mayor and City Clerk be authorized to execute the Loan Agreement, the General Security Agreement and any ancillary documents required to give effect to the Ancaster Tennis Club loan;
- (d) That the General Manager, Healthy and Safe Communities, be authorized and directed to execute a License Agreement, together with any ancillary documents with the Ancaster Tennis Club to allow the ongoing use of City property by the Ancaster Tennis Club and the addition of the infrastructure required to support the new Dome in a form satisfactory to the City Solicitor; and,
- (e) That the General Manager, Healthy and Safe Communities Department, or designate, be delegated the authority to negotiate and grant naming rights to Rogers Canada for the City facility occupied by the Ancaster Tennis Club as required to permit the Ancaster Tennis Club to obtain sponsorship funding pursuant to the Community Tennis Facility Fund and to execute any necessary consents or agreements to facilitate the sponsorship and naming rights, with content acceptable to the General Manager of Healthy and Safe Communities Department, or designate and the City Solicitor.

5. Canada Healthy Communities Initiative Intake Two (FCS21020(a)) (City Wide) (Item 10.3)

- (a) That the Public Space and Park Wi-Fi Connectivity Project, be approved as the City of Hamilton's submission for consideration to the Community Foundations of Canada for the requested funding amount of \$250,000 in accordance with the terms and conditions associated with the Canada Healthy Communities Initiative;
- (b) That the Mayor and City Clerk be authorized to execute all necessary documentation, including Funding Agreements to receive funding under the Canada Healthy Communities Initiative with content satisfactory to the General Manager, Finance and Corporate Services, and in a form satisfactory to the City Solicitor;
- (c) That the City Solicitor be authorized and directed to prepare any necessary by-laws for Council approval, for the purpose of giving effect to the City's acceptance of funding from the Canada Healthy Communities Initiative for The Public Space and Park Wi-Fi Connectivity Project;
- (d) That, should this funding application be successful, the ongoing operating costs for connectivity estimated at \$30,000 be included in the 2022 Tax Operating Budget for consideration; and,
- (e) That copies of Report FCS21020(a) be forwarded to local Members of Parliament.

6. 2019 Development Charges Amending By-law and Background Study Update (FCS21048) (City Wide) (Item 10.4)

- (a) That the Development Charges Update Study prepared by Watson & Associates Economists Ltd. and dated March 5, 2021, attached hereto as Appendix "B" of Audit, Finance and Administration Committee Report 21-009, be approved;
- (b) That, having considered the matters in Report FCS21048 including the changes incorporated into the 2019 Development Charges Amending By-law, attached hereto as Appendix "B" of Report FCS21048, no further meeting under s. 12 of the Development Charges Act, 1997 is required; and,
- (c) That Appendix "B" attached to Report FCS21048 respecting the 2019 Development Charges Amending By-law, prepared in a form satisfactory to the City Solicitor, be passed and enacted.

7. Parkland Dedication Reserve Status Report as of December 31, 2020 (FCS21030) (City Wide) (Item 10.5)

- (a) That Report FCS21030 "Parkland Dedication Reserve Status Report as of December 31, 2020" be received and made available to the public; and,

- (b) That Report FCS21030 “Parkland Dedication Reserve Status Report as of December 31, 2020” be forwarded, if requested, to the Ministry of Municipal Affairs and Housing.

8. Citizen Committee Report - Committee Against Racism - Recommendations for the City's [Hamilton.ca/coronavirus](https://www.hamilton.ca/coronavirus) webpage with Respect to Anti-Asian Racism (Added Item 10.6)

That the City of Hamilton update the Coronavirus Website’s Choose Solidarity message (located at <https://www.hamilton.ca/coronavirus>) to acknowledge the increase in anti-Asian racism against Asian communities, provide information about resources to support individuals who have faced racism, and provide information about anti-racism education.

9. Appointments to the Committee Against Racism for the Remainder of the 2018 - 2022 Term (Item 14.1)

That the appointments to the Committee Against Racism, for the remainder of the 2018 – 2022 term of Council, be approved and released publicly following approval by Council.

FOR INFORMATION:

(a) CHANGES TO THE AGENDA (Item 2)

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

5. COMMUNICATIONS

- 5.1 Correspondence from the West End Home Builders’ Association, respecting the Adoption of Modern Pay on Demand Surety Bonds in Hamilton
Recommendation: Be received and referred to consideration of Item 10.1.
- 5.2 Correspondence from Brandon Campbell, President, Starward Homes, respecting the Adoption of Modern Pay on Demand Surety Bonds in Hamilton
Recommendation: Be received and referred to consideration of Item 10.1.
- 5.3 Correspondence from Mike Naples, Director, Masters Insurance Limited, respecting the Adoption of Modern Pay on Demand Surety Bonds in Hamilton
Recommendation: Be received and referred to consideration of Item 10.1.

10. DISCUSSION ITEMS

10.6 Citizen Committee Report - Committee Against Racism -
Recommendations for the City's [Hamilton.ca/coronavirus](https://www.hamilton.ca/coronavirus) webpage
with Respect to Anti-Asian Racism

The agenda for the June 3, 2021 Audit, Finance and Administration Committee meeting was approved, as amended.

(b) DECLARATIONS OF INTEREST (Item 3)

Councillor Ferguson declared an interest to Item 7.4, Options for Relief from Municipal Charges for the Taxi and Snow Plow Industries (LS21020), as he is an investor in the taxi industry.

Councillor Wilson declared an interest to Item 10.3, Canada Healthy Communities Initiative Intake Two (FCS21020(a)), as her spouse sits on the National Board that is deciding on the selection, as there may be a perceived interest.

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

(i) May 20, 2021 (Item 4.1)

The Minutes of the May 20, 2021 meeting of the Audit, Finance and Administration Committee were approved, as presented.

(d) COMMUNICATIONS (Item 5)

The following Communications Items (Item 5), were received and referred to consideration of Item 10.1:

- (i) Correspondence from the West End Home Builders' Association, respecting the Adoption of Modern Pay on Demand Surety Bonds in Hamilton (Added Item 5.1)
- (ii) Correspondence from Brandon Campbell, President, Starward Homes, respecting the Adoption of Modern Pay on Demand Surety Bonds in Hamilton (Added Item 5.2)
- (iii) Correspondence from Mike Naples, Director, Masters Insurance Limited, respecting the Adoption of Modern Pay on Demand Surety Bonds in Hamilton (Added Item 5.3)

For disposition of this matter, refer to Item 3.

(e) CONSENT ITEMS (Item 7)

(i) Options for Relief from Municipal Charges for the Taxi and Snow Plow Industries (LS21020) (City Wide) (Item 7.4)

Councillor Ferguson relinquished the Chair to Councillor Pearson.

- (i) Staff were directed to prepare correspondence to the Ministry of Transportation of Ontario, and other appropriate bodies respecting insurance for the taxi and snow plow industries.
- (ii) Staff were directed to determine the number of snow plow operators in the last two years that have not been able to provide service due to insurance issues and report back to the Audit, Finance & Administration Committee.

Councillor Ferguson assumed the Chair.

(f) PUBLIC HEARINGS / DELEGATIONS (Item 9)

- (i) The following Delegations addressed the Committee respecting Report FCS21056/LS21021, Development Agreement Surety Bonds (City Wide) (Item 10.1)
 - (a) Mike Collins-Williams, West End Homebuilders' Association (Item 9.1)
 - (b) Stephanie Kuntz, Marsh Canada (Item 9.2)
 - (c) Terri Johns, T Johns Consulting (Item 9.3)
 - (d) Sergio Manchia, Urbancore Group of Companies (Item 9.4)

The above Delegations, listed as Items 9.1 to 9.4, were received.

For disposition of this matter, please refer to Item 3.

(g) DISCUSSION ITEMS (Item 10)

- (i) **Ancaster Tennis Club Loan Request (FCS21032) (Ward 12) (Item 10.2)**

Councillor Ferguson relinquished the Chair to move the motion.

For disposition of this matter, please refer to Item 4.

Councillor Ferguson assumed the Chair.

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

- (i) **Amendment to the Outstanding Business List (Item 13.1)**

The following amendments to the Audit, Finance & Administration Committee's Outstanding Business List, were approved:

- (a) Items Considered Complete and Needing to be Removed:
 - Options for Relief from Municipal Fees and Charges for the Taxi Industry (FCS20067) (City Wide)

That staff be directed to consult with other municipalities to review the current situation with regards to high insurance premiums on the taxi and snow plow industries and report back with their findings.

Added: August 13, 2020 at AF&A - Item 8.2

Completed: June 3, 2021 at AF&A - Item 7.4

OBL Item: 20-H

Stimulating Local Development - Affordable Housing Projects -
Cash-in-lieu Parking Policy – Downtown Secondary Plan Area -
Temporary Period

That Finance and Legal staff be directed to report back to the Audit, Finance and Administration Committee on the potential for the use of surety bonds as financial security for development projects to secure municipal agreements.

Added: December 9, 2020 at GIC – Item 8.1(d)

Completed: June 3, 2021 at AF&A – Item 10.1

OBL Item: 20-N

Healthy Communities Initiative Intake One (FCS21020) (City Wide)

That staff report back on a recommended project for the City to submit to the second intake to the Canada Healthy Communities Initiative expected in May 2021.

Added: February 19, 2021 at Public Works – Item 9.4

Completed: June 3, 2021 at AF&A – Item 10.3

OBL Item: 21-D

(b) Items Requiring a New Due Date:

Review of Procurement Policies as it relates to Hiring Local Trades
That staff be directed to review the City's current procurement policy; review the procurement policies of other municipalities that now include provisions regarding hiring local trades; and re-examine Report FCS09109(c) Evaluation of the City of Hamilton Purchasing Program Update.

Current Due Date: August 2020

Updated Due Date: Q1 2022

OBL Item: G

(h) **PRIVATE AND CONFIDENTIAL (Item 14)**

Committee determined that discussion of Item 14.1 was not required in Closed Session, so the item was addressed in Open Session, as follows:

(i) **Appointments to the Committee Against Racism for the Remainder of the 2018 - 2022 Term (Item 14.1)**

For disposition of this matter, please refer to Item 9.

(i) ADJOURNMENT (Item 15)

There being no further business, the Audit, Finance and Administration Committee, adjourned at 10:58 a.m.

Respectfully submitted,

Councillor Ferguson, Chair
Audit, Finance and Administration
Committee

Angela McRae
Legislative Coordinator
Office of the City Clerk

Surety Bond Policy	 Hamilton	
FPAP-DA-001		
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Development Agreement Surety Bond Policy

POLICY STATEMENT	This Policy outlines the requirements of a surety bond to be an acceptable form of security for Development Agreements.
SCOPE	<p>This Policy is applicable, in all cases, in which a Surety Bond is being evoked as security for a Development Agreement.</p> <p>Surety Bonds may be provided for any Development Agreement which is required to provide Security and may be for the full amount of security required or for a portion if supplemented with a Letter of Credit or cash, only where the language, in the associated Development Agreement, permits Surety Bonds.</p>
PURPOSE (GUIDING PRINCIPLES)	To ensure the equitable and transparent administration of the use of Surety Bonds for Development Agreements.
RELATED LEGISLATION	Development Agreements are entered into under the <i>Planning Act, 1990, as amended</i> , and the required security that this Surety Bond Policy applies to is outlined in each of the respective Development Agreements.
TRANSPARENCY DEFINITIONS	This Policy, inclusive of Appendix A, is available publicly.
"Development Agreement"	Refers to any agreement entered into between the City of Hamilton and a land owner to regulate the provision of on-site and municipal works required to service land under development applications. Includes, but is not limited to, Plan of Subdivision, Site Plan, External Works Agreement, Joint Service Agreement and Consent Agreement.
"Security"	An amount required to be provided under a Development Agreement which will ultimately be returned to the developer after the terms of the Development Agreement have been executed to the City's satisfaction.
"Surety Bond"	A bond which guarantees the assumption of responsibility for payment of security in the event of default of a Development Agreement.
"Surety provider"	A company legally capable of acting as the surety in the surety bond agreement.


Surety Bond Policy	 Hamilton	
FPAP-DA-001		
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**DETAILS:
USAGE AND
LIMITATIONS**

This Policy is applicable, in all cases, in which a Surety Bond is being evoked as security for a Development Agreement.

Where financial security is required by the City, a term of any contract or as a condition of any planning approval, Development Agreement Surety Bonds are a satisfactory financial security provided they are issued to and received by the City in accordance with the following terms and conditions:

1. The Development Agreement Surety Bond shall be issued by a Canadian surety provider having a minimum credit rating of:
 - (a) "A" or higher as assessed by Dominion Bond Rating Service Limited;
 - (b) "A-" or higher as assessed by Fitch Ratings;
 - (c) "A3" or higher as assessed by Moody's Investors Services Inc.; or
 - (d) "A-" or higher as assessed by S&P.
2. The issuing company shall be incorporated in Canada for no less than ten (10) years and issue surety bonds in Canadian dollars.
3. The issuing surety provider must be an active institution monitored by the Office of the Superintendent of Financial Institutions (OSFI).
4. When a surety provider that has issued or has confirmed a surety bond received and held by the City, subsequently ceases, in the opinion of the City to meet all or any of the requirements of this Policy, the City may, in its discretion, and subject to Section 7 of this Policy, require a new security to its satisfaction, to be provided to the City within ten (10) days of demand for same and the original surety bond will be returned and / or exchanged for the replacement security. In the event the new security is not received as required, the City may draw upon the original Surety Bond.
5. Where there is doubt as to the credit rating or other qualification of a surety provider, the City's General Manager of Finance and Corporate Services shall be satisfied that the institution meets the guidelines of this Policy.

Surety Bond Policy FPAP-DA-001 Page 3 of 3	 Hamilton	Approval: 2021-XX-XX
	<p>6. The surety bond to be provided to the City issued by a surety provider shall be irrevocable and shall be in the form and on the terms of the "Development Agreement Surety Bond" template attached hereto as Appendix A.</p> <p>7. Notwithstanding anything in this Policy,</p> <p>(a) the City may, in its discretion, decline a surety bond for any reason;</p> <p>(b) when a surety bond has been received and is being held by the City and the City is no longer satisfied that the surety bond adequately provides adequate protection, the City may require a new security to its satisfaction, to be provided to the City within ten (10) days of demand for same and the original surety bond will be returned and / or exchanged for the replacement security. In the event the new security is not received as required, the City may draw upon the original Surety Bond.</p> <p>Any deviations from the said approved form of Development Agreement Bond template shall be reviewed by and are subject to approval of the General Manager of Finance and Corporate Services and the City Solicitor.</p>	
POLICY OWNER	Director of Financial Planning, Administration and Policy	
ADMINISTRATION	The Development Agreement Surety Bond Policy shall be administered by the Financial, Planning, Administration and Policy Division within the Corporate Services Department.	
RELATED POLICIES	Irrevocable Letter of Credit Policy (FCS02016)	
RELATED STANDARD OPERATING PROCEDURES	TBD	

**APPENDIX A TO POLICY FPAP-DA-001
DEVELOPMENT AGREEMENT SURETY BOND**

BOND NO.:

AMOUNT: \$

KNOW ALL PERSONS BY THESE PRESENTS, that

,

as Principal, hereinafter called the "**Principal**", and

,

as Surety, hereinafter called the "**Surety**", are held and firmly bound unto , as Obligee, hereinafter called the "**Obligee**", in the amount of Dollars (\$) lawful money of Canada, for the payment of which sum, well and truly to be made, the Principal and the Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS the Principal and Obligee have entered into, or will enter into, an agreement with reference number with respect to lands known as in the City of Hamilton (said agreement is by reference made a part hereof and is hereinafter referred to as the "**Development Agreement**").

NOW THEREFORE, the condition of this obligation is such that if the Principal shall, in the opinion of the Obligee do and perform all of the stipulations, conditions, covenants and terms of the Development Agreement, then this obligation shall be void and of no effect; otherwise, it shall remain in full force and effect.

PROVIDED, however, the foregoing obligation is subject to the following terms and conditions:

1. Whenever the Principal shall be declared in writing by the Obligee to be in default under the Development Agreement, and the Obligee intends to make a claim under this bond, the Obligee shall promptly notify the Principal and the Surety in writing of such default in the form of a Demand, the form of which is attached to this Bond as Schedule "A".
2. On determination by the Obligee, in its sole and absolute discretion, that the Principal is in default of its obligations under the Development Agreement, the Surety and Principal agree that the Surety will make payments to the Obligee for amounts demanded by the Obligee, up to an aggregate of the Bond Amount, within ten (10) business days after the Surety's receipt of a Demand from the Obligee at the address noted herein by hand or courier.

3. This Bond is irrevocable and payment will be made notwithstanding any objection by the Principal. Where a Demand in the prescribed form has been delivered to the Surety, it shall be accepted by the Surety as conclusive evidence of its obligation to make payment to the Obligee, and the Surety shall not assert any defence or grounds of any nature or description for not making payment to the Obligee, in whole or in part, pursuant to such Demand, including but not limited to any of the following reasons: that a Default has not occurred, that the Principal committed any fraud or misrepresentation in its application for the Bond, or that the amount set out in the Demand is not appropriate, warranted or otherwise not in accordance with the Development Agreement. The Surety's liability under this Bond is unconditional and shall not be discharged or released or affected by any arrangements made between the Obligee and the Principal or by any dispute between the Surety and Principal, or the taking or receiving of security by the Obligee from the Principal, or by any alteration, change, addition, modification, or variation in the Principal's obligation under the Development Agreement, or by the exercise of the Obligee or any of the rights or remedies reserved to it under the Development Agreement or by any forbearance to exercise any such rights or remedies whether as to payment, time, performance or otherwise (whether or not by any arrangement, alteration or forbearance is made without the Surety's knowledge or consent). All payments by the Surety shall be made free and clear without deduction, set-off or withholding.
4. The Obligee may make multiple Demands under this bond.
5. The amount of the Bond may be reduced from time to time as advised by notice in writing by the Obligee to the Surety.
6. Each payment made by the Surety under this Bond shall reduce the amount of this Bond.
7. In no event shall the Surety be liable for a greater sum than the amount of this Bond.
8. No right of action shall accrue upon or by reason hereof to or for the use or benefit of any person other than the Obligee.
9. When the Principal has completed all works required by the Development Agreement to the Obligee's satisfaction, all maintenance and rectification periods contained within the Development Agreement have expired, and the Obligee has finally assumed all works in writing, the Obligee shall return this Bond to the Surety for termination or advise the Surety in writing that this Bond is terminated, in accordance with the terms of the Development Agreement.
10. If the Surety at any time delivers at least ninety (90) days prior written notice to the Obligee and to the Principal of its intention to terminate this obligation, the Principal shall deliver to the Obligee, not less than thirty (30) days prior to the termination of this Bond, financial security in the amount of this Bond in a form acceptable to the Obligee. If the replacement financial security is not provided by the Principal or is not accepted by the Obligee, this Bond shall remain in effect.
11. Nothing in this bond shall limit the Principal's liability to the Obligee under the Development Agreement.

12. This Bond shall be governed by and construed in accordance with the laws of the Province of Ontario and the laws of Canada applicable thereto and shall be treated, in all respects, as a contract entered into in the Province of Ontario without regard to conflict of laws principles. The Principal and Surety hereby irrevocably and unconditionally attorn to the jurisdiction of the courts of the Province of Ontario.
13. All Demands and notices under this Bond shall be delivered by hand, registered mail or courier to the Surety, with a copy to the Principal at the addresses set out below, subject to any change of address in accordance with this Section. All other correspondence may be delivered by regular mail, registered mail, courier, or email. A change of address for the Surety is publicly available on the Financial Services Regulatory Authority of Ontario website. The address for the Principal may be changed by giving notice to the other parties setting out the new address in accordance with this Section.

The Surety:

Name
Address
Email
Phone

The Principal:

Name
Address
Email
Phone

The Obligee:

Name
Address
Email
Phone

IN TESTIMONY WHEREOF, the Principal has hereto set its hand and affixed its seal and the Surety has caused these presents to be sealed with its corporate seal duly attested by the signature of its authorized signing authority.

SIGNED AND SEALED this day of , **20** , in the presence of:

Per: _____
Name: _____
Title: _____

Per: _____
Name: _____
Title: _____

I / We have the authority to bind the Corporation.

, Attorney in Fact

Schedule A

DEMAND – NOTICE OF DEFAULT

Date:

Surety:

Address:

Attention:

Re: Development Agreement Bond No. (the "Bond")

Principal: (the "Principal")

Obligee: (the "Obligee")

Agreement: (the "Development Agreement")

Dear ,

Pursuant to the above referenced Bond, The City of Hamilton hereby declares a default under the Development Agreement.

We hereby demand that the Surety honour its ten (10) day payment obligation as per the terms of the Bond and we hereby certify that we are entitled to draw on the Bond pursuant to the terms of the Development Agreement and demand payment of \$ under the terms of the Bond.

Payment Instructions:

--

Yours truly,

THE CITY OF HAMILTON



Development Charges Update Study

City of Hamilton

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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 City-wide 2019-2028	13-Year City-wide 2019-2031	13-Year Urban Area 2019-2031	13-Year Combined Sewer System 2019-2031	13-Year 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.

Figure 4-1
City of Hamilton
Municipal Parking 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									63%	37%
1	Downtown Parking Structure	2023-2026	25,900,000	-		25,900,000	3,534,000		22,366,000	14,090,580	8,275,420
2	West Harbour Development - Parking Structure	2025-2028	30,180,000	4,930,000		25,250,000	21,824,000		3,426,000	2,158,380	1,267,620
3	Reserve Fund Adjustment						3,703,772		(3,703,772)	(2,333,376)	(1,370,396)
4	Parking Service Study	2019	200,000	-		200,000	50,000		150,000	94,500	55,500
	Total		56,280,000	4,930,000	-	51,350,000	29,111,772	-	22,238,228	14,010,084	8,228,144

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.

Figure 4-2
City of Hamilton
Airport Lands 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									63%	37%
1	Requirements for Additional Airport Space	2019-2023	14,000,000	-		14,000,000	-		14,000,000	8,820,000	5,180,000
2	Requirements for Additional Airport Space	2024-2028	14,000,000	7,280,000		6,720,000	-		6,720,000	4,233,600	2,486,400
3	Reserve Fund Adjustment						1,990,849		(1,990,849)	(1,254,235)	(736,614)
	Total		28,000,000	7,280,000	-	20,720,000	1,990,849	-	18,729,151	11,799,365	6,929,786

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	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%
	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	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%
	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 63%	Non-Residential Share 37%
	2019-2028											
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 63%	Non-Residential Share 37%
	2019-2028											
	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 63%	Non-Residential Share 37%
	2019-2028											
	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
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								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

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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:							-				
	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
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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

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								Benefit to Existing Development	Grants, Subsidies and Other Contributions Attributable to New Development	Total	Residential Share	Non-Residential Share
2019-2028										63%	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 63%	Non-Residential Share 37%
	2019-2028											
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
	2019-2028										63%	37%
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	36,400

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											
	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 90%	Non-Residential Share 10%
	2019-2028										
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	Non-Residential Share
	2019-2028										83%	17%
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.

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	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%
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/Crane/Plow (1)											
8a	Aluminum Dump/Crew/Crane/Plow	Services Related to a Highway	2019-2031	42,250	-		42,250	-		42,250	26,195	16,055
8b	Aluminum Dump/Crew/Crane/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 62%	Non-Residential Share 38%
	2019-2031											
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 62%	Non-Residential Share 38%
	2019-2031											
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 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%
	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	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 ft²
		\$	\$	\$	\$
1	<u>Public Works Facilities, Vehicles & Equipment</u>				
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		
<u>By Residential Unit Type</u>					
	<u>P.P.U.</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 ft²
	\$	\$	\$	\$
2. <u>Parks and Recreation Services</u>				
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. <u>Library Services</u>				
3.1 Library facilities, vehicles and collection materials	28,700,909	28,700,909	1,145	1.00
4. <u>Growth Studies</u>				
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. <u>Long Term Care</u>				
5.1 Long Term Care Facilities	4,549,307	505,479	182	0.02
	4,549,307	505,479	182	0.02
6. <u>Child Care and Early Years</u>				
6.1 Child Care and Early Year Facilities	373,841	41,538	15	-
	373,841	41,538	15	-
7. <u>Public Health</u>				
7.1 Public Health Facilities	74,338	8,260	3	-
8. <u>Provincial Offences Act</u>				
8.1 P.O.A. facilities	1,003,680	589,463	40	0.02
9. <u>Housing Services</u>				
9.1 Housing Services facilities	18,835,149	-	752	-
10. <u>Ambulance</u>				
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. <u>Waste Diversion</u>				
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 ft²
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 (per sq.ft. of Gross Floor Area)
	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)	
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	67,552,656	1,085,184
	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	127,262,637	77,213,367
	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	28,657,773	981,737
	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	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	82,598	5,197,836
	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	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	22,054,910	1,322,622
	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	22,088,228	2,058,798
	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	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

[illegible]

City of Hamilton
Service Standard Calculation Sheet

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

[illegible]

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)
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:
Unit Measure:

Indoor Recreation Facilities
sq.ft. of building area

[illegible]

City of Hamilton
Service Standard Calculation Sheet

Service:
Unit Measure:

Indoor Recreation Facilities
sq.ft. of building area

[illegible]

[illegible]

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

[illegible]

City of Hamilton
Service Standard Calculation Sheet

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

[illegible]

City of Hamilton
Service Standard Calculation Sheet

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

[illegible]

City of Hamilton
Service Standard Calculation Sheet

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

[illegible]

City of Hamilton
Service Standard Calculation Sheet

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

[illegible]

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

[illegible]

City of Hamilton
Service Standard Calculation Sheet

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

[illegible]

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/ft² 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
Greensville - 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/ft² 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
<u>Unit Measure:</u>	sq.ft. of building area

[illegible]

City of Hamilton
Service Standard Calculation Sheet

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

[illegible]

City of Hamilton
Service Standard Calculation Sheet

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

[illegible]

City of Hamilton
Service Standard Calculation Sheet

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

[illegible]

City of Hamilton
Service Standard Calculation Sheet

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

[illegible]

City of Hamilton
Service Standard Calculation Sheet

Service:	Housing Services
<u>Unit Measure:</u>	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 Untis)	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 Untis)	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

[illegible]

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

[illegible]

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/ft² 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
Peterbuilt 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
Peterbuilt 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
Frieghtliner 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

[illegible]

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

[illegible]

City of Hamilton
Service Standard Calculation Sheet

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

[illegible]

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/ft² 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