



Development Charges Update Study

City of Barrie

April 9, 2021

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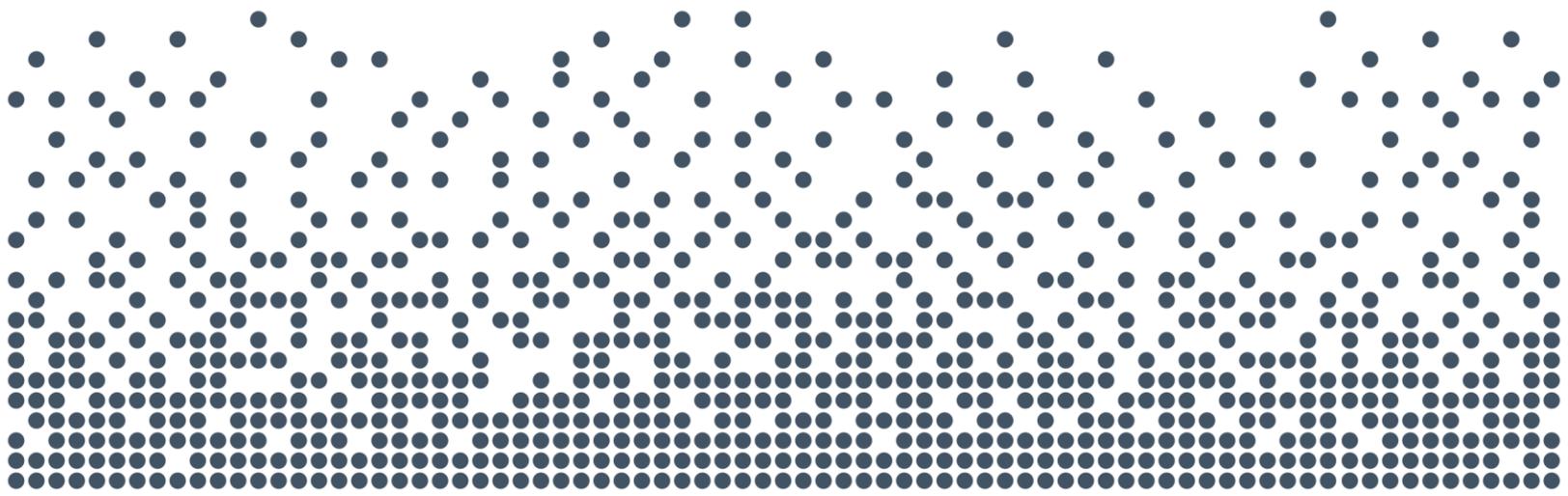
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Report



Chapter 1

Introduction



1. Introduction

1.1 Background

The City of Barrie 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:

- Protection;
- Services Related to a Highway;
- Public Works Facilities and Fleet;
- Transit;
- Parking;
- Parks and Recreation;
- Library Services;
- Administration – Essential Services;
- Administration – Community Based Services;
- Paramedics;
- Social Housing;
- Long-term Care;
- Waste Diversion;
- Airport;
- Water Services – Facilities;
- Water Services – Facilities Related Debt;
- Wastewater Services – Facilities; and
- Wastewater Services – Facilities Related Debt.

In addition to the above services, the City also recovers water and wastewater linear costs associated with growth, through area specific D.C.s in the Salem & Hewitt's Secondary Plans. D.C.s for water, wastewater and stormwater are also recovered in the Former City Municipal Boundary areas on an area specific basis. Further, area specific stormwater charges are in place for the Whiskey Creek drainage area.

The basis for these D.C.s is documented in the “City of Barrie Development Charges Background Study,” dated April 17, 2019 (the “2019 D.C. Study”), which provided the



supporting documentation for By-law 2019-055. The D.C.s came into effect June 17, 2019 and were phased in with the full calculated charges identified in the background study, for all types of developments, becoming effective December 1, 2019.

The City's D.C.s have been indexed (in accordance with section 37 of the by-law) annually on January 1st, beginning in 2020, and are currently 5.6% higher than the 2019 rates implemented under By-law 2019-055. 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:
 - Library Services;
 - Administration – Studies;
 - Parks and Recreation;
 - Social Housing;
 - Waste Diversion;
 - Long-term Care; and
 - Paramedics.
- The listing of eligible services has been changed by the amending legislation. For the City, Parking and Airport will no longer be an eligible service as of September 18, 2022 (the end of the transition period provided by the amending legislation). The amendments to the D.C. by-law will reflect this change.
- 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 the following Classes of Service:

- Growth Studies (formerly two categories of Administration);
- Protection (which includes Fire Protection and Policing Services); and
- Public Works (including facilities, vehicles and equipment).

Further discussion on classes of services is provided in chapter 2.

- The regulations have provided additional mandatory D.C. exemptions for an ancillary dwelling unit in new residential buildings as well as for universities receiving government funding. These exemptions are to be reflected in the amending D.C. by-law.
- Changes to the D.C.A., related to the timing of calculation and payment of D.C. have been made including:
 - Timing of payment in instalments for rental housing, institutional and non-profit development were proclaimed through Bill 108.
 - Timing of calculating 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 Barrie
December 1, 2019 Development Charges (2019 \$)

Service	RESIDENTIAL					NON-RESIDENTIAL			
	Single and Semi-Detached Dwelling	Other Multiples	Apartments - 2 Bedrooms +	Apartments - Bachelor and 1 Bedroom	Special Care/Special Dwelling Units	Retail (per sq.m. of Gross Floor Area)	Non-Retail (per sq.m. of Gross Floor Area)	Retail (per sq.ft. of Gross Floor Area)	Non-Retail (per sq.ft. of Gross Floor Area)
Municipal Wide "Hard Services":									
Services Related to a Highway	27,651	21,888	15,486	10,871	9,365	160.36	110.96	14.90	10.31
Public Works Facilities and Fleet Protection	545	431	305	214	185	3.16	2.19	0.29	0.20
Paramedics	1,831	1,449	1,025	720	620	10.80	7.60	1.00	0.71
Transit Services	210	166	118	83	71	0.42	0.28	0.04	0.03
Waste Diversion	1,153	913	646	453	390	6.97	4.68	0.65	0.43
Administration - Essential Services	386	306	216	152	131	0.37	0.25	0.03	0.02
Wastewater Services - Facilities	589	466	330	232	199	3.56	2.39	0.33	0.22
Wastewater Services - Facilities Related Debt	5,928	4,692	3,320	2,331	2,008	34.38	23.79	3.19	2.21
Water Services - Facilities	3,545	2,806	1,985	1,394	1,201	20.56	14.23	1.91	1.32
Water Services - Facilities Related Debt	76	60	43	30	26	0.44	0.30	0.04	0.03
Total Municipal Wide "Hard Services"	46,843	37,079	26,234	18,418	15,865	269.63	186.46	25.05	17.32
Area Specific "Hard Services"									
Former City Municipal Boundary Areas:									
Stormwater Drainage and Control Services	6,466	5,118	3,621	2,542	2,190	34.96	9.50	3.25	0.88
Wastewater Services - Collection Systems	1,135	898	636	446	384	14.09	3.83	1.31	0.36
Water Services - Distribution Systems	417	330	234	164	141	5.17	1.41	0.48	0.13
Total Area Specific "Hard Services" Former City Municipal Boundary Areas	8,018	6,346	4,491	3,152	2,715	54.22	14.74	5.04	1.37
Total "Hard Services" - Former City Municipal Boundary Areas	54,861	43,425	30,725	21,570	18,580	323.85	201.20	30.08	18.69
Area Specific "Hard Services"									
Salem & Hewitt's Secondary Plan Areas:									
Wastewater Services - Collection Systems	4,980	3,942	2,789	1,958	1,687	30.35	18.76	2.82	1.74
Water Services - Distribution Systems	5,361	4,244	3,002	2,108	1,816	32.67	20.20	3.03	1.88
Total Area Specific "Hard Services" - Salem & Hewitt's Secondary Plan Areas	10,341	8,186	5,791	4,066	3,503	63.01	38.96	5.85	3.62
Total "Hard Services" - Salem & Hewitt's Secondary Plan Areas	57,184	45,265	32,025	22,484	19,368	332.64	225.42	30.90	20.94



1.2 Existing Policies (Rules)

The existing policies (rules) governing the calculation, payment, and collection of D.C.s, as provided in By-law 2019-055, are set out in Appendix A of this report.

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. by-law (By-law 2019-055) based on the legislative changes to the D.C.A. These include:

- Updating the D.C. analysis to remove the 10% mandatory deduction;
- Providing for Parking and Airport Services in a separate schedule to the by-law as they will no longer be eligible services as of September 18, 2022. Schedules A and C-2 to the City's D.C. By-law will also be amended to reflect this change;
- Creating a classification for Growth Studies, Protection, and Public Works as classes of services;
- Removal of any growth studies that do not relate directly to eligible services as per the amended D.C.A., and
- Updating the D.C. policies in the by-law with respect to:
 - D.C. installment 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 May 3, 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 14, 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 Barrie

1.	Data collection, staff review, D.C. calculations and policy work	February to March, 2021
2.	Stakeholder Meeting	March 31, 2021
3.	Background study and proposed by-law available to public	April 7, 2021
4.	Public meeting advertisement placed in newspaper(s)	No later than April 12, 2021
5.	Public meeting of Council	May 3, 2021
6.	Background study and proposed by-law review at General Committee	June 7, 2021
7.	Council considers adoption of background study and passage of amending by-law	June 14, 2021
8.	Effective date of the by-law	Upon approval of amending by-law
9.	Newspaper notice given of by-law passage	By 20 days after passage
10.	Last day for by-law appeal	40 days after passage
11.	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 Barrie. The growth forecast associated with services included in the background study is provided in Figure 3-1 below:

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

Measure	10-year	13-year	23-year	Urban 23-year	Urban 23-year
	2019-2028	2019-2031	2019-2041	2019-Urban 23 Year - Former City Municipal Boundary	2019-Urban 23 Year - Salem & Hewitts Secondary Plan Areas
(Net) Population Increase	47,778	58,977	100,631	53,111	47,520
Residential Unit Increase	21,967	27,199	31,314	13,049	18,265
Non-Residential Gross Floor Area Increase (sq.m)	1,090,800	1,347,600	2,768,100	1,797,800	970,300

Source: Watson & Associates Economists Ltd. Forecast 2019

For the purposes of this D.C. update, the 2019 D.C. Background 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 2019-055 came into effect on June 17, 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. Background Study and by-law identified anticipated capital needs for recovery through D.C.s for municipal-wide services, urban-wide services and area specific services.

This chapter of the report discusses the removal of the 10% mandatory deduction for parks and recreation services, library services, growth studies (formerly administration studies), long-term care, housing services (formerly social housing), ambulance services (formerly paramedics), and waste diversion. As these costs are being added as part of the 2019 D.C. Study, the capital costs are being presented in 2019 dollars. A discussion is also provided on the classification of Growth Studies, Protection, and Public Works as classes of services as well as the transition period for parking and airport services.

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 Airport

Given the change to the D.C.A. through Bill 197, airport will become an ineligible service under the D.C.A as of September 18, 2022. However, the City is eligible to collect D.C.s for this service until that date. As such, the D.C.s related to this service will be provided in a schedule to the by-law which will be effective until September 18, 2022 after which it will no longer be imposed on development or redevelopment within the City.

No other changes to this service are recommended at this time.



4.2 Parking Services

Similar to Airport, with the changes to the D.C.A. as per Bill 197, parking will become an ineligible service under the D.C.A as of September 18, 2022. However, the City is eligible to collect D.C.s for this service until that date.

The capital costs associated with growth-related parking studies that were previously included in the Administration – Community Based Services component of the D.C.s, have now been reclassified and included with the Parking Services capital project listing. This adjustment allows staff to continue to collect for all parking related costs during the transition period.

The D.C.s related to Parking Services will be contained in a separate schedule to the by-law which will be effective until September 18, 2022 after which, this component of the charges will no longer be imposed. With the shift of parking studies to the parking service category, the D.C.-eligible amount of \$4,089,670 has been included in the revised D.C. calculations. Figure 4-1 provides the updated capital project listing.

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 75% residential and 25% non-residential over the 10-year forecast period.



Figure 4-1
City of Barrie
Parking Capital – Updated
2019\$

Prj. No.	Increased Service Needs Attributable to Anticipated Development	Timing (year)	Gross Capital Cost Estimate (2019\$)	Post Period Benefit	Other Deductions	Net Capital Cost	Less:		Subtotal	Less:	Potential D.C. Recoverable Cost		
							Benefit to Existing Development	Grants, Subsidies and Other Contributions Attributable to New Development		Other (e.g. 10% Statutory Deduction)	Total	Residential Share	Non-Residential Share
	2019-2028										75%	25%	
1	Provision for Additional Downtown Parking Spaces	2020-2028	1,038,600	-		1,038,600	-		1,038,600	103,860	934,740	701,055	233,685
2	Provision for Additional Growth-Related Signage / Equipment	2020-2028	132,700	-		132,700	-		132,700	13,270	119,430	89,573	29,858
3	Parking Technology (Mobile Payment App)	2020-2028	50,000	-		50,000	37,581		12,419	1,242	11,177	8,383	2,794
4	Parking Technology (License Plate Recognition Technology)	2020-2028	750,000	-		750,000	-		750,000	75,000	675,000	506,250	168,750
5	Existing Growth Related Debt Principal - GO Platform	2019-2023	532,945	-		532,945	-		532,945		532,945	399,709	133,236
6	Existing Growth Related Debt Interest (Discounted) - GO Platform	2019-2023	18,968	-		18,968	-		18,968		18,968	14,226	4,742
7	Reserve Fund Adjustment		1,684,911	-		1,684,911	-		1,684,911		1,684,911	1,263,683	421,228
	Parking Studies												
8	Updated Waterfront/Downtown Parking Study	Parking Services	100,000	-		100,000	50,000		50,000	5,000	45,000	33,750	11,250
9	Parking Strategy Update	Parking Services	150,000	-		150,000	112,500		37,500	3,750	33,750	25,313	8,438
10	Parking Strategy Update	Parking Services	150,000	-		150,000	112,500		37,500	3,750	33,750	25,313	8,438
11	Parking Strategy Update	Parking Services	150,000	150,000		-	-		-	-	-	-	-
	Total		4,758,124	150,000	-	4,608,124	312,581	-	4,295,542	205,872	4,089,670	3,067,253	1,022,418



4.3 Parks and Recreation Services

As discussed earlier, the capital costs included for Parks and Recreation have been modified to remove the mandatory 10% deduction. Figure 4-2 provides the updated capital project listings with the removal of the 10% deduction. The total D.C. eligible amount being included in the calculations is \$130.45 million.

Through the updated service standards provided in Appendix B, the maximum D.C. allowed to be recovered for Parks and Recreation is \$134.42 million. This ceiling is in excess of the growth-related capital needs of \$130.45 million.

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 4-2
City of Barrie
Parks and Recreation Capital – Updated
2019\$

Prj. No.	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%	
	PARKS AND OUTDOOR RECREATION DEVELOPMENT, AMENITIES AND TRAILS:										
1	Sandringham V (Craigmel)	2019	263,500	-		263,500	-		263,500	250,325	13,175
2	Sandringham VI (Gilroy)	2020	126,880	38,064		88,816	-		88,816	84,375	4,441
3	Sproule (Previn Court)	2022-2023	563,000	168,900		394,100	-		394,100	374,395	19,705
4	Painswick Park (Community Park) - addition of 2 lit ball diamonds	2019-2021	1,000,000	-		1,000,000	-		1,000,000	950,000	50,000
5	Summit Pines Park (Neighbourhood Park)	2020	208,300	-		208,300	-		208,300	197,885	10,415
6	Yonge/GO Village (Painswick Central Park)	2019-2020	334,100	-		334,100	-		334,100	317,395	16,705
7	Rectangular Sports Fields - Artificial Turf (1)	2019-2041	2,200,000	442,068		1,757,932	-		1,757,932	1,670,035	87,897
8	Lit Major Ball Diamond (4)	2019-2041	2,000,000	401,880		1,598,120	-		1,598,120	1,518,214	79,906
9	Unlit Multi-use Court (7)	2019-2041	350,000	70,329		279,671	-		279,671	265,687	13,984
10	Pickleball Court (4)	2019-2041	140,000	28,132		111,868	-		111,868	106,275	5,593
11	Splash Pad (2)	2019-2041	650,000	130,611		519,389	-		519,389	493,420	25,969
12	Skateboard Park - Major (2)	2019-2041	675,000	135,635		539,366	-		539,366	512,397	26,968
13	Additional Parkland Needs	2019-2031	16,760,000	3,867,692		12,892,308	-		12,892,308	12,247,692	644,615
14	Rectangular Sports Fields - Lit (2)	2019-2041	1,000,000	357,020		642,980	-		642,980	610,831	32,149
15	Lit Major Ball Diamond (2)	2019-2041	1,000,000	357,020		642,980	-		642,980	610,831	32,149
16	Lit Tennis Court (4)	2019-2041	300,000	107,106		192,894	-		192,894	183,249	9,645
17	Unlit Multi-use Court (6)	2019-2041	300,000	107,106		192,894	-		192,894	183,249	9,645
18	Basketball Court (2)	2019-2041	100,000	35,702		64,298	-		64,298	61,083	3,215
19	Splash Pad (2)	2019-2041	650,000	232,063		417,937	-		417,937	397,040	20,897
20	Playground - Enhanced (2)	2019-2041	400,000	142,808		257,192	-		257,192	244,332	12,860
21	Playground - Standard (25)	2019-2041	2,250,000	803,295		1,446,705	-		1,446,705	1,374,370	72,335
22	Skateboard Park - Major (2)	2019-2041	675,000	240,989		434,012	-		434,012	412,311	21,701



Figure 4-2 Continued
City of Barrie
Parks and Recreation Capital – Updated
2019\$

Prj. No.	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%
	PARKS AND OUTDOOR RECREATION DEVELOPMENT, AMENITIES AND TRAILS:										
23	Parkland Development (Annexation Sports Complex)	2019-2023	8,776,600	2,632,980		6,143,620	-		6,143,620	5,836,439	307,181
24	Parkland Development (Annexation Sports Complex)	2024-2031	3,364,100	3,364,100		-	-		-	-	-
25	Rectangular Sports Fields - Artificial Turf (2)	2019-2041	4,400,000	1,570,888		2,829,112	-		2,829,112	2,687,656	141,456
26	Cricket Pitch (1)	2019-2041	700,000	140,658		559,342	-		559,342	531,375	27,967
27	Ball Diamonds (16)	2019-2041	8,000,000	2,856,160		5,143,840	-		5,143,840	4,886,648	257,192
28	Outdoor Sand Volleyball Court (4)	2019-2041	40,000	14,281		25,719	-		25,719	24,433	1,286
	PARKS & RECREATION - VEHICLES & EQUIPMENT										
29	70' Aerial Bucket Truck	2020	275,000	-		275,000	-		275,000	261,250	13,750
30	4x4 Pickup Trucks (5)	2019-2028	175,000	-		175,000	-		175,000	166,250	8,750
31	4x4 crew cab Pickup Truck (5)	2021-2028	180,000	-		180,000	-		180,000	171,000	9,000
32	Crew Cab, 1-ton dump truck - horticulture (4)	2020-2028	240,000	-		240,000	-		240,000	228,000	12,000
33	Roll off Truck - Horticulture	2021	100,000	-		100,000	-		100,000	95,000	5,000
34	12" Chipper	2020	75,000	-		75,000	-		75,000	71,250	3,750
35	Landscape Trailers (10)	2020-2028	60,000	-		60,000	-		60,000	57,000	3,000
36	16' large area mower	2022	125,000	-		125,000	-		125,000	118,750	6,250
37	Mini-excavator - Roads and Parks use for projects - reduce reliance on contracted services	2021	60,000	-		60,000	-		60,000	57,000	3,000
38	Trail Utility Vehicle - Trail inspections and maintenance	2021	25,000	-		25,000	-		25,000	23,750	1,250
39	Tractor with Roadside Mower attachment	2021	85,000	-		85,000	-		85,000	80,750	4,250
40	11 ft landscape mowers (6)	2020-2028	480,000	-		480,000	-		480,000	456,000	24,000
41	Skidsteer	2021	100,000	-		100,000	-		100,000	95,000	5,000



Figure 4-2 Continued
City of Barrie
Parks and Recreation Capital – Updated
2019\$

Prj. No.	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%
	PARKS & RECREATION - VEHICLES & EQUIPMENT										
42	Stump Grinder	2023	85,000	-		85,000	-		85,000	80,750	4,250
43	Spider Lift (compact unit)	2025	60,000	-		60,000	-		60,000	57,000	3,000
44	Mid-sized Loader	2024	125,000	-		125,000	-		125,000	118,750	6,250
45	Trail Compactor Unit	2027	40,000	-		40,000	-		40,000	38,000	2,000
46	Ice Resurfacers (4)	2023-2028	416,000	-		416,000	-		416,000	395,200	20,800
47	Provision for Additional Parks Vehciles	2019-2031	1,351,400	311,862		1,039,538	-		1,039,538	987,562	51,977
	RECREATION FACILITIES:										
48	Allendale Replacement & Expansion	2026-2030	49,765,000	-		49,765,000	41,802,600		7,962,400	7,564,280	398,120
49	Provision for 70 Collier Expansion	2023-2025	996,000	-		996,000	697,200		298,800	283,860	14,940
50	South East Facility - Hewitt's	2023-2031	98,275,000	18,672,250		79,602,750	-		79,602,750	75,622,613	3,980,138
51	South West Facility - Salem	2026-2028	72,020,000	68,419,000		3,601,000	-		3,601,000	3,420,950	180,050
52	Provision for 70 Collier Expansion	2023-2025	219,000.00	-		219,000	153,300		65,700	62,415	3,285
53	Recreational Facilities Sports Fields (2 Lit Ball Daimonds & Parks Development)	2025-2028	1,250,000	-		1,250,000	-		1,250,000	1,187,500	62,500
	DEBT AND RESERVE FUND ADJUSTMENTS:										
54	Existing Growth Related Debt Principal - Holly Recreation Centre	2019	933,598	-		933,598	-		933,598	886,918	46,680
55	Existing Growth Related Debt Interest - Holly Recreation Centre	2019	30,145	-		30,145	-		30,145	28,638	1,507
56	Reserve Fund Adjustment					-	6,019,720		(6,019,720)	(5,718,734)	(300,986)
	Total		284,772,623	105,648,597	-	179,124,026	48,672,820	-	130,451,206	123,928,646	6,522,560



4.4 Library Services

With respect to library services, adjustments have been made to reflect the removal of the mandatory 10% deduction. Figure 4-3 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 just over \$13,565,130. Given that the capital program is \$12.78 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 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 4-3
City of Barrie
Library Services Capital – Updated
2019\$

Prj. No.	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	Additional Library Materials (Hewitt's)	2023-2031	1,703,400	204,408		1,498,992	-		1,498,992	1,424,042	74,950
2	Additional Library Materials (Salem)	2026-2028	2,839,400	2,413,490		425,910	-		425,910	404,615	21,296
3	Hewitt's Branch (15,000 sq.ft.)	2023-2031	7,650,000	918,000		6,732,000	-		6,732,000	6,395,400	336,600
4	Salem Branch (25,000 sq.ft.)	2026-2028	14,280,000	12,138,000		2,142,000	-		2,142,000	2,034,900	107,100
5	Provisional for additional space (i.e. branch libraries)	2019-2028	2,600,000	-		2,600,000	-		2,600,000	2,470,000	130,000
6	Reserve Fund Adjustment						620,190		(620,190)	(589,181)	(31,010)
	Total		29,072,800	15,673,898	-	13,398,902	620,190	-	12,778,712	12,139,776	638,936



4.5 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. Figure 4-4 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 \$4.51 million. Given that the capital program is \$3.96 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 4-4
City of Barrie
Ambulance Services Capital – Updated
2019\$

Prj. No.	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%
	Development Related Paramedics Stations										
1	Barrie-Simcoe Emergency Services Campus	2019-2020	5,751,276	3,450,800		2,300,476	1,564,300		736,176	662,558	73,618
2	Elmvale Paramedic Station	2021-2022	648,607	-		648,607	-		648,607	583,746	64,861
3	Central East Barrie Station	2019-2020	429,516	-		429,516	292,100		137,416	123,674	13,742
4	Springwater South Paramedic Station - Snow Valley Road	2020-2021	345,277	-		345,277	234,800		110,477	99,429	11,048
5	Barrie Big Bay Paramedic Station	2023-2028	401,309	280,900		120,409	77,400		43,009	38,708	4,301
6	Barrie Central West Paramedic Station	2024-2025	409,335	286,500		122,835	83,500		39,335	35,401	3,933
7	Southwest Barrie Paramedic Station	2020-2021	277,508	-		277,508	188,700		88,808	79,927	8,881
8	Innisfil/Alcona Paramedic Station Post #7	2021-2028	354,241	248,000		106,241	72,200		34,041	30,637	3,404
9	Victoria Harbour Paramedic Station	2020-2021	342,746	-		342,746	34,300		308,446	277,602	30,845
10	Wasaga Beach Paramedic Station	2020-2021	973,218	-		973,218	535,300		437,918	394,126	43,792
	Development Related Fleet Acquisitions										
11	New Ambulance/Rapid Response Unit Supervisor Vehicles	2020-2028	603,927	302,000		301,927	-		301,927	271,734	30,193
12	New Rapid Response Unit	2019	29,601	-		29,601	-		29,601	26,641	2,960
13	New Rapid Response Unit	2019	29,601	-		29,601	-		29,601	26,641	2,960
14	Reserve Fund Adjustment		1,015,849	-		1,015,849	-		1,015,849	914,264	101,585
	Total		11,612,009	4,568,200	-	7,043,809	3,082,600	-	3,961,209	3,565,088	396,121

*Capital costs represent City of Barrie's share of total costs



4.6 Housing Services

With respect to Housing Services (formerly referred to as Social Housing), 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 Housing Services provide a D.C. ceiling of approximately \$36.64 million. Given that the capital program is \$10.33 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 4-5
City of Barrie
Housing Services Capital – Updated
2019\$

Prj. No.	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	Collingwood Redevelopment Ph1/Year 3 - 117 new units	2019	6,645,000	-		6,645,000	5,208,162		1,436,838	1,436,838	-
2	Wasaga Beach - 99 units	2019	4,673,000	-		4,673,000	3,662,564		1,010,436	1,010,436	-
3	Tay Township - 40 units	2019-2020	3,090,000	-		3,090,000	2,421,854		668,146	668,146	-
4	Future Build - 50 units	2020-2021	4,459,000	-		4,459,000	3,494,837		964,163	964,163	-
5	Bradford - 50 units	2021-2023	5,311,000	-		5,311,000	4,162,611		1,148,389	1,148,389	-
6	Orillia - 97 new units	2021-2023	9,725,000	-		9,725,000	7,622,178		2,102,822	2,102,822	-
7	Barrie - 86 new units	2022-2024	9,535,000	1,907,000		7,628,000	7,473,261		154,739	154,739	-
8	Reserve Fund Adjustment		2,846,364	-		2,846,364	-		2,846,364	2,846,364	-
	Total		46,284,364	1,907,000	-	44,377,364	34,045,467	-	10,331,897	10,331,898	-

* Capital costs represent City of Barrie's share only



4.7 Long-term Care

With respect to Long-term Care, adjustments have been made to reflect the removal of the mandatory 10% deduction. Figure 4-6 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 Long-term Care provide a D.C. ceiling of approximately \$7.5 million. Given that the capital program is \$720,000, the D.C.-eligible capital amounts are well below 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 4-6
City of Barrie
Long-term Care Capital – Updated
2019\$

Prj. No.	Increased Service Needs Attributable to Anticipated Development 2019-2028	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%
1	Simcoe Manor Redevelopment and Expansion	5,142,700	-		5,142,700	4,422,700		720,000	648,000	72,000
	Total	5,142,700	-	-	5,142,700	4,422,700	-	720,000	648,000	72,000

*Capital Cost represents City of Barrie's share only



4.8 Waste Diversion

With respect to waste diversion services, adjustments have been made to reflect the removal of the mandatory 10% deduction. Figure 4-7 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 \$12.87 million. Given that the capital program is \$6.9 million, the level of service ceiling is well in excess of the D.C.-eligible capital amounts.

Based on the City's 2019 D.C. study, the growth-related capital costs have been allocated 95% residential and 5% non-residential based on the allocation of residential versus non-residential properties collected from.



Figure 4-7
City of Barrie
Waste Diversion Services Capital – Updated
2019\$

Prj. No.	Increased Service Needs Attributable to Anticipated Development 2019-2028	Timing (year)	Gross Capital Cost Estimate (2019\$)	Post Period Benefit	Other Deductions*	Net Capital Cost	Less:		Potential D.C. Recoverable Cost		
							Benefit to Existing Development	Grants, Subsidies and Other Contributions Attributable to New Development	Total	Residential Share 95%	Non-Residential Share 5%
1	000284 & 000794 Transfer Station	2025	5,100,000	-	765,000	4,335,000	-		4,335,000	4,118,250	216,750
2	000736 Provision for Additional Waste Diversion Facilities	2020-2022	1,500,000	-		1,500,000	-		1,500,000	1,425,000	75,000
3	Provision for additional carts & containers	2019-2028	1,071,000	-		1,071,000	-		1,071,000	1,017,450	53,550
	Total		7,671,000	-	765,000	6,906,000	-	-	6,906,000	6,560,700	345,300

*Other deductions are the portions of the project attributable to landfill



4.9 Classes of Services

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).”

4.9.1 Protection

As a result of these changes to the D.C.A., this update study provides for Protection as a class of service. Protection includes Fire Protection Services as well as Policing Services, both of which are D.C. eligible services under the amended D.C.A.

No changes to the capital costs identified in the 2019 D.C. are being recommended in this update report, therefore, there is no need to update the service standard calculations or the D.C. calculations at this time as it relates to this class of service. Figure 4-8 provides the capital costs associated with Protection as identified in the 2019 D.C. background study, with the inclusion of an additional column that provides the D.C. eligible service that the projects pertain to.

4.9.2 Public Works

The 2019 D.C. by-law provided for Public Works Facilities and Fleet as a service requiring capital recovery through D.C.s. This service included capital costs for facilities, and fleet related to water services, wastewater services, and Services Related to a Highway, all of which are D.C. eligible services under the amended D.C.A.



No changes to the capital projects identified in the 2019 D.C. study are being recommended in this update report, therefore, the only change recommended is for Public Works to be provided as a class of service.

Figure 4-9 provides the capital project listing included in the 2019 D.C. background study with an additional column added that indicates the D.C. eligible services that each project pertains to.



**Figure 4-8
City of Barrie
Protection Class of Service Capital
2019\$**

Prj. No.	Increased Service Needs Attributable to Anticipated Development 2019-2031	Timing (year)	D.C. Eligible Service to Which the Project Relates	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 75%	Non-Residential Share 25%
FIRE FACILITIES												
1	Training Facility & Equipment	2027-2028	Fire Protection Services	11,390,000	-		11,390,000	9,494,477		1,895,523	1,421,642	473,881
2	Station #6 & Equipment	2019-2021	Fire Protection Services	5,050,000	1,010,000		4,040,000	-		4,040,000	3,030,000	1,010,000
3	Station #5	2023-2027	Fire Protection Services	5,717,000	1,143,400		4,573,600	736,921		3,836,679	2,877,509	959,170
FIRE VEHICLES												
4	Additional Pumper due to growth in Former Barrie (to be housed at headquarters)	2023-2025	Fire Protection Services	1,000,000	-		1,000,000	-		1,000,000	750,000	250,000
5	Technical Rescue Truck/Command Centre	2019-2020	Fire Protection Services	900,000	-		900,000	-		900,000	675,000	225,000
FIRE EQUIPMENT												
6	Additional Firefighters (20) at Headquarters for additional apparatus	2025	Fire Protection Services	188,000	-		188,000	-		188,000	141,000	47,000
7	District Chiefs - Stations 1, 2 & 4 (Partial)	2021	Fire Protection Services	25,400	-		25,400	-		25,400	19,050	6,350
8	Public Education Officer	2020	Fire Protection Services	3,500	-		3,500	-		3,500	2,625	875
9	Additional Firefighters (16) at Station 3	2021	Fire Protection Services	108,900	-		108,900	-		108,900	81,675	27,225
10	Additional Firefighters (20) - Station 6	2021	Fire Protection Services	188,000	37,600		150,400	-		150,400	112,800	37,600
11	District Chiefs - Stations 3, 5 & 6 (Partial)	2021	Fire Protection Services	25,400	5,080		20,320	-		20,320	15,240	5,080
12	Fire Prevention Officers	2019-2023	Fire Protection Services	6,900	1,380		5,520	-		5,520	4,140	1,380
13	Additional Radio Channels	2020	Fire Protection Services	500,000	-		500,000	-		500,000	375,000	125,000
Sub-Total - Fire				25,103,100	2,197,460	-	22,905,640	10,231,398	-	12,674,242	9,505,681	3,168,560
POLICING												
14	First Responders Campus	2019-2020	Policing Services	46,776,000	-		46,776,000	22,218,600		24,557,400	18,418,050	6,139,350
15	Training Facility	2027-2028	Policing Services	11,855,000	-		11,855,000	11,855,000		-	-	-
16	New Police Vehicles	2019-2031	Policing Services	498,900	-		498,900	-		498,900	374,175	124,725
17	Vehicle Equipment	2019-2031	Policing Services	25,490	-		25,490	-		25,490	19,118	6,373
18	Officer & Special Constables Equipment	2019-2031	Policing Services	367,970	-		367,970	-		367,970	275,978	91,993
19	New Cruisers	2019-2031	Policing Services	818,700	-		818,700	-		818,700	614,025	204,675
20	Officer & Special Constables Equipment	2019-2031	Policing Services	719,648	-		719,648	-		719,648	539,736	179,912
21	Vehicle Equipment	2019-2031	Policing Services	38,200	-		38,200	-		38,200	28,650	9,550
22	Other Police Equipment	2019-2031	Policing Services	2,841,000	-		2,841,000	-		2,841,000	2,130,750	710,250
23	Additional Radio Channels	2020	Policing Services	500,000	-		500,000	-		500,000	375,000	125,000
Debt:												
24	Debt Financing for First Responders Campus Phase 1 (Interest - Discounted)	2019-2033	Policing Services	2,475,663	-		2,475,663	-		2,475,663	1,856,747	618,916
25	Outstanding Debt - Police - 35 Sperling - Principal (discounted)	2019-2024	Policing Services	188,601	-		188,601	-		188,601	141,451	47,150
26	Outstanding Debt - Police - 35 Sperling - Interest (discounted)	2019-2024	Policing Services	27,374	-		27,374	-		27,374	20,531	6,844
Sub-Total - Policing				67,132,546	-	-	67,132,546	34,073,600	-	33,058,946	24,794,209	8,264,736
27	Reserve Fund Adjustment			448,388	-		448,388	-		448,388	336,291	112,097
Total Protection				92,684,034	2,197,460	-	90,486,574	44,304,998	-	46,181,576	34,636,182	11,545,394



**Figure 4-9
City of Barrie
Public Works Class of Service Capital
2019\$**

Prj. No.	Increased Service Needs Attributable to Anticipated Development 2019-2041	D.C. Eligible 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 71%	Non-Residential Share 29%
Services Related to a Highway												
1	Provision for 70 Collier Expansion	Services Related to a Highway	2023-2025	1,738,000	-		1,738,000	1,216,600		521,400	370,194	151,206
2	Growth-Related Fleet	Services Related to a Highway	2019-2041	900,000	-		900,000	-		900,000	639,000	261,000
3	South Operations Facility	Services Related to a Highway	2025-2028	17,700,000	-		17,700,000	-		17,700,000	12,567,000	5,133,000
4	Provision for 70 Collier Expansion	Services Related to a Highway	2023-2025	381,000	-		381,000	266,700		114,300	81,153	33,147
5	Growth-Related Fleet	Services Related to a Highway	2019-2041	3,100,000	-		3,100,000	-		3,100,000	2,201,000	899,000
Wastewater Fleet												
6	Minivans with Interior Shelving (2)	Wastewater Services	2022	92,000	-		92,000	-		92,000	65,320	26,680
7	4x4 Half Ton Trucks (2)	Wastewater Services	2022	112,000	-		112,000	-		112,000	79,520	32,480
8	Minivan with Interior Shelving (1)	Wastewater Services	2027	46,000	-		46,000	-		46,000	32,660	13,340
9	4x4 Half Ton Truck 2-door (1)	Wastewater Services	2027	56,000	-		56,000	-		56,000	39,760	16,240
Water Fleet:												
10	Water Distribution Services - Mini dump truck	Water Services	2019	71,000	-		71,000	-		71,000	50,410	20,590
11	Water Distribution Services - Mini dump truck	Water Services	2019	71,000	-		71,000	-		71,000	50,410	20,590
12	Water Distribution Services - Utility truck 4x4	Water Services	2020	138,000	-		138,000	-		138,000	97,980	40,020
13	Water Distribution Services - Backhoe	Water Services	2023	179,000	-		179,000	-		179,000	127,090	51,910
14	Water Distribution Services - Dump truck	Water Services	2023	204,000	-		204,000	-		204,000	144,840	59,160
15	Water Distribution Services - Cube truck (5 tonne)	Water Services	2023	179,000	-		179,000	-		179,000	127,090	51,910
16	Water Distribution Services - Utility truck 4x4	Water Services	2025	138,000	-		138,000	-		138,000	97,980	40,020
17	Water Customer Services - Utility truck	Water Services	2019	138,000	-		138,000	-		138,000	97,980	40,020
18	Water Customer Services - Van	Water Services	2019	66,000	-		66,000	-		66,000	46,860	19,140
19	Water Customer Services - Utility truck	Water Services	2019	128,000	-		128,000	-		128,000	90,880	37,120
20	Water Customer Services - Van	Water Services	2019	66,000	-		66,000	-		66,000	46,860	19,140
21	Water Customer Services - Van	Water Services	2023	66,000	-		66,000	-		66,000	46,860	19,140
22	Water Customer Services - Utility truck	Water Services	2023	128,000	-		128,000	-		128,000	90,880	37,120
23	Water Customer Services - Van	Water Services	2028	66,000	-		66,000	-		66,000	46,860	19,140
24	Water Customer Services - Van	Water Services	2028	66,000	-		66,000	-		66,000	46,860	19,140
25	Surface Water Supply - Utility truck 4 x 4	Water Services	2019	138,000	-		138,000	-		138,000	97,980	40,020
26	Ground Water Supply - Utility truck 4 x 4	Water Services	2019	138,000	-		138,000	-		138,000	97,980	40,020
27	Ground Water Supply - Utility truck 4 x 4	Water Services	2019	138,000	-		138,000	-		138,000	97,980	40,020
28	Ground Water Supply - Utility truck 4 x 4	Water Services	2019	138,000	-		138,000	-		138,000	97,980	40,020
30	Reserve Fund Adjustment							1,253,266		(1,253,266)	(889,819)	(363,447)
Total				26,381,000	-	-	26,381,000	2,736,566	-	23,644,434	16,787,548	6,856,886



4.9.3 Growth Studies

The changes to the D.C.A. also requires that a class of service be provided for studies that have a growth component. This update study provides for the former “Administration – Essential Services” and “Administration – Community Based Services” to be combined and categorized as a class of service 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;
- Protection Services;
- Public Works;
- Ambulance Services (formerly referred to as Paramedics);
- Transit Services;
- Waste Diversion Services;
- Parks and Recreation;
- Library Services;
- Long-term Care; and
- Housing Services (formerly referred to as Social Housing).

Figure 4-10 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 service based on the proportion of the total net growth-related capital costs for each service included in the D.C. calculations, in the following manner:

- Water Services – 13.4%
- Wastewater Services – 21.76%
- Stormwater Services – 5.28%
- Services Related to a Highway – 49%
- Protection Services – 1.89%
- Public Works – 0.97%
- Ambulance Services – 0.16%



- Transit Services – 0.96%
- Waste Diversion Services – 0.28%
- Parks and Recreation – 5.33%
- Library Services – 0.52%
- Long-term Care – 0.03%
- Housing Services – 0.42%

For growth-related planning studies the costs are allocated proportionately to all D.C.-eligible services except services shared with the County as follows:

- Water Services – 13%
- Wastewater Services – 22%
- Stormwater Services – 5%
- Services Related to a Highway – 49%
- Protection Services – 2%
- Public Works – 1%
- Transit Services – 1%
- Waste Diversion Services – 1%
- Parks and Recreation – 5%
- Library Services – 1%

The costs associated with facility condition assessments are allocated proportionately to the following services:

- Stormwater Services – 8%
- Services Related to a Highway – 76%
- Protection Services – 3%
- Public Works – 2%
- Transit Services – 1%
- Waste Diversion Services – 1%
- Parks and Recreation – 8%
- Library Services – 1%

Other studies, such as joint water & wastewater studies, have been split 50%/50% to each service, studies related to water, wastewater, stormwater, and services related to a highway 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.

As previously mentioned in section 4.2, in updating the list of studies to be included for this D.C. update, the parking related studies were removed from the studies list and moved to the parking service. In addition, there were a few 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 from studies previously related to discounted services. The total revised growth-related capital costs included in the updated D.C. calculations is \$15,215,785.

The capital costs have been allocated 75% residential and 25% 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 4-10
City of Barrie
Growth Studies Capital – Updated
2019\$

Prj. No.	Increased Service Needs Attributable to Anticipated Development	Timing (year)	Services/Classes to Which the Projects Relate	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										75%	25%	
	Library											
1	Library Feasibility Study	2020	Library Services	50,000	-		50,000	-		50,000	37,500	12,500
2	Library Master Plan	2025	Library Services	50,000	-		50,000	-		50,000	37,500	12,500
	Workflow Analysis Study	2026	Library Services	50,000	-		50,000	25,000		25,000	18,750	6,250
	Parks and Recreation											
3	Parks & Recreation Master Plan	2022-2023	Parks & Recreation Services	378,700	-		378,700	94,675		284,025	213,019	71,006
4	Parks & Recreation Master Plan	2027-2028	Parks & Recreation Services	378,700	-		378,700	94,675		284,025	213,019	71,006
5	Conceptual/Feasibility Studies	2019-2028	Parks & Recreation Services	600,000	-		600,000	150,000		450,000	337,500	112,500
	Other											
6	Facilities Condition Assessments											
6a	Facilities Condition Assessments	2021	Stormwater Drainage and Control Services	67,980	-	6,798	61,182	45,887		15,296	11,472	3,824
6b	Facilities Condition Assessments	2021	Services Related to a Highway	645,770	-	64,577	581,193	435,895		145,298	108,974	36,325
6c	Facilities Condition Assessments	2021	Protection Services	25,490	-	2,549	22,941	17,206		5,735	4,301	1,434
6d	Facilities Condition Assessments	2021	Public Works	16,990	-	1,699	15,291	11,468		3,823	2,867	956
6e	Facilities Condition Assessments	2021	Transit Services	8,500	-	850	7,650	5,738		1,913	1,434	478
6f	Facilities Condition Assessments	2021	Waste Diversion Services	8,500	-	850	7,650	5,738		1,913	1,434	478
6g	Facilities Condition Assessments	2021	Parks & Recreation Services	67,980	-	6,798	61,182	45,887		15,296	11,472	3,824
6h	Facilities Condition Assessments	2021	Library Services	8,490	-	849	7,641	5,731		1,910	1,433	478
	Sub-Total			849,700	-	84,970	764,730	573,548	-	191,183	143,387	47,796
7	Facilities Condition Assessments											
7a	Facilities Condition Assessments	2026	Stormwater Drainage and Control Services	67,980	-	6,798	61,182	45,887		15,296	11,472	3,824
7b	Facilities Condition Assessments	2026	Services Related to a Highway	645,770	-	64,577	581,193	435,895		145,298	108,974	36,325
7c	Facilities Condition Assessments	2026	Protection Services	25,490	-	2,549	22,941	17,206		5,735	4,301	1,434
7d	Facilities Condition Assessments	2026	Public Works	16,990	-	1,699	15,291	11,468		3,823	2,867	956
7e	Facilities Condition Assessments	2026	Transit Services	8,500	-	850	7,650	5,738		1,913	1,434	478
7f	Facilities Condition Assessments	2026	Waste Diversion Services	8,500	-	850	7,650	5,738		1,913	1,434	478
7g	Facilities Condition Assessments	2026	Parks & Recreation Services	67,980	-	6,798	61,182	45,887		15,296	11,472	3,824
7h	Facilities Condition Assessments	2026	Library Services	8,490	-	849	7,641	5,731		1,910	1,433	478
	Sub-Total			849,700	-	84,970	764,730	573,548	-	191,183	143,387	47,796



Figure 4-10 Continued
City of Barrie
Growth Studies Capital – Updated
2019\$

Prj. No.	Increased Service Needs Attributable to Anticipated Development	Timing (year)	Services/Classes to Which the Projects Relate	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										75%	25%	
8	City Master Space Plan Update-Engineering and Operations Services Portion											
8a	City Master Space Plan Update-Engineering and Operations Services Portion	2022	Parks & Recreation Services	6,000		600	5,400	-		5,400	4,050	1,350
8b	City Master Space Plan Update-Engineering and Operations Services Portion	2022	Services Related to a Highway	51,000		5,100	45,900	-		45,900	34,425	11,475
8c	City Master Space Plan Update-Engineering and Operations Services Portion	2022	Water Services	14,000		1,400	12,600	-		12,600	9,450	3,150
8d	City Master Space Plan Update-Engineering and Operations Services Portion	2022	Wastewater Services	23,000		2,300	20,700	-		20,700	15,525	5,175
8e	City Master Space Plan Update-Engineering and Operations Services Portion	2022	Stormwater Drainage and Control Services	6,000		600	5,400	-		5,400	4,050	1,350
	Sub-Total			100,000		10,000	90,000	-	-	90,000	67,500	22,500
9	Fiscal Impact Assessment											
9a	Fiscal Impact Assessment	2023	Water Services	20,100		2,010	18,090	-		18,090	13,568	4,523
9b	Fiscal Impact Assessment	2023	Wastewater Services	32,640		3,264	29,376	-		29,376	22,032	7,344
9c	Fiscal Impact Assessment	2023	Stormwater Drainage and Control Services	7,910		791	7,119	-		7,119	5,339	1,780
9d	Fiscal Impact Assessment	2023	Services Related to a Highway	73,510		7,351	66,159	-		66,159	49,619	16,540
9e	Fiscal Impact Assessment	2023	Protection Services	2,830		283	2,547	-		2,547	1,910	637
9f	Fiscal Impact Assessment	2023	Public Works	1,450		145	1,305	-		1,305	979	326
9g	Fiscal Impact Assessment	2023	Ambulance Services	240		24	216	-		216	162	54
9h	Fiscal Impact Assessment	2023	Transit Services	1,440		144	1,296	-		1,296	972	324
9i	Fiscal Impact Assessment	2023	Waste Diversion Services	420		42	378	-		378	284	95
9j	Fiscal Impact Assessment	2023	Parks & Recreation Services	7,990		799	7,191	-		7,191	5,393	1,798
9k	Fiscal Impact Assessment	2023	Library Services	780		78	702	-		702	527	176
9l	Fiscal Impact Assessment	2023	Long-Term Care	40		4	36	-		36	27	9
9m	Fiscal Impact Assessment	2023	Housing Services	650		65	585	-		585	439	146
	Sub-Total			150,000	-	15,000	135,000	-	-	135,000	101,250	33,750
10	Fiscal Impact Assessment											
10a	Fiscal Impact Assessment	2028	Water Services	20,100		2,010	18,090	-		18,090	13,568	4,523
10b	Fiscal Impact Assessment	2028	Wastewater Services	32,640		3,264	29,376	-		29,376	22,032	7,344
10c	Fiscal Impact Assessment	2028	Stormwater Drainage and Control Services	7,910		791	7,119	-		7,119	5,339	1,780
10d	Fiscal Impact Assessment	2028	Services Related to a Highway	73,510		7,351	66,159	-		66,159	49,619	16,540
10e	Fiscal Impact Assessment	2028	Protection Services	2,830		283	2,547	-		2,547	1,910	637
10f	Fiscal Impact Assessment	2028	Public Works	1,450		145	1,305	-		1,305	979	326
10g	Fiscal Impact Assessment	2028	Ambulance Services	240		24	216	-		216	162	54
10h	Fiscal Impact Assessment	2028	Transit Services	1,440		144	1,296	-		1,296	972	324
10i	Fiscal Impact Assessment	2028	Waste Diversion Services	420		42	378	-		378	284	95
10j	Fiscal Impact Assessment	2028	Parks & Recreation Services	7,990		799	7,191	-		7,191	5,393	1,798
10k	Fiscal Impact Assessment	2028	Library Services	780		78	702	-		702	527	176
10l	Fiscal Impact Assessment	2028	Long-Term Care	40		4	36	-		36	27	9
10m	Fiscal Impact Assessment	2028	Housing Services	650		65	585	-		585	439	146
	Sub-Total			150,000	-	15,000	135,000	-	-	135,000	101,250	33,750



Figure 4-10 Continued
City of Barrie
Growth Studies Capital – Updated
2019\$

Prj. No.	Increased Service Needs Attributable to Anticipated Development	Timing (year)	Services/Classes to Which the Projects Relate	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 75%	Non-Residential Share 25%
	2019-2028											
11	Official Plan Update											
11a	Official Plan Update	2024-2028	Water Services	67,010		6,701	60,309	-		60,309	45,232	15,077
11b	Official Plan Update	2024-2028	Wastewater Services	108,800		10,880	97,920	-		97,920	73,440	24,480
11c	Official Plan Update	2024-2028	Stormwater Drainage and Control Services	26,380		2,638	23,742	-		23,742	17,807	5,936
11d	Official Plan Update	2024-2028	Services Related to a Highway	245,020		24,502	220,518	-		220,518	165,389	55,130
11e	Official Plan Update	2024-2028	Protection Services	9,430		943	8,487	-		8,487	6,365	2,122
11f	Official Plan Update	2024-2028	Public Works	4,830		483	4,347	-		4,347	3,260	1,087
11g	Official Plan Update	2024-2028	Ambulance Services	810		81	729	-		729	547	182
11h	Official Plan Update	2024-2028	Transit Services	4,800		480	4,320	-		4,320	3,240	1,080
11i	Official Plan Update	2024-2028	Waste Diversion Services	1,410		141	1,269	-		1,269	952	317
11j	Official Plan Update	2024-2028	Parks & Recreation Services	26,640		2,664	23,976	-		23,976	17,982	5,994
11k	Official Plan Update	2024-2028	Library Services	2,610		261	2,349	-		2,349	1,762	587
11l	Official Plan Update	2024-2028	Long-Term Care	150		15	135	-		135	101	34
11m	Official Plan Update	2024-2028	Housing Services	2,110		211	1,899	-		1,899	1,424	475
	Sub-Total			500,000		50,000	450,000	-		450,000	337,500	112,500
12	Growth Related Planning Studies											
12a	Growth Related Planning Studies	2019-2028	Water Services	32,500		3,250	29,250	-		29,250	21,938	7,313
12b	Growth Related Planning Studies	2019-2028	Wastewater Services	55,000		5,500	49,500	-		49,500	37,125	12,375
12c	Growth Related Planning Studies	2019-2028	Stormwater Drainage and Control Services	12,500		1,250	11,250	-		11,250	8,438	2,813
12d	Growth Related Planning Studies	2019-2028	Services Related to a Highway	122,500		12,250	110,250	-		110,250	82,688	27,563
12e	Growth Related Planning Studies	2019-2028	Protection Services	5,000		500	4,500	-		4,500	3,375	1,125
12f	Growth Related Planning Studies	2019-2028	Public Works	2,500		250	2,250	-		2,250	1,688	563
12g	Growth Related Planning Studies	2019-2028	Transit Services	2,500		250	2,250	-		2,250	1,688	563
12h	Growth Related Planning Studies	2019-2028	Waste Diversion Services	2,500		250	2,250	-		2,250	1,688	563
12i	Growth Related Planning Studies	2019-2028	Parks & Recreation Services	12,500		1,250	11,250	-		11,250	8,438	2,813
12j	Growth Related Planning Studies	2019-2028	Library Services	2,500		250	2,250	-		2,250	1,688	563
	Sub-Total			250,000		25,000	225,000	-		225,000	168,750	56,250



Figure 4-10 Continued
City of Barrie
Growth Studies Capital – Updated
2019\$

Prj. No.	Increased Service Needs Attributable to Anticipated Development	Timing (year)	Services/Classes to Which the Projects Relate	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 75%	Non-Residential Share 25%
	2019-2028											
	Fire				-		-	-		-	-	-
13	Fire Underwriters Survey	2020	Protection Services	34,600	-		34,600	-		34,600	25,950	8,650
14	Fire Master Plan	2024	Protection Services	75,000	-		75,000	-		75,000	56,250	18,750
	Master Plan Updates											
15	Master Plan Updates (Water, Wastewater, Stormwater & Transportation)				-		-	-		-	-	-
15a	Master Plan Updates (Water, Wastewater, Stormwater & Transportation)	2019	Water Services	450,000	-		450,000	-		450,000	337,500	112,500
15b	Master Plan Updates (Water, Wastewater, Stormwater & Transportation)	2019	Wastewater Services	720,000	-		720,000	-		720,000	540,000	180,000
15c	Master Plan Updates (Water, Wastewater, Stormwater & Transportation)	2019	Stormwater Drainage and Control Services	180,000	-		180,000	-		180,000	135,000	45,000
15d	Master Plan Updates (Water, Wastewater, Stormwater & Transportation)	2019	Services Related to a Highway	1,650,000	-		1,650,000	-		1,650,000	1,237,500	412,500
	Sub-Total			3,000,000	-	-	3,000,000	-	-	3,000,000	2,250,000	750,000
16	Master Plan Updates (Water, Wastewater, Stormwater & Transportation)											
16a	Master Plan Updates (Water, Wastewater, Stormwater & Transportation)	2024	Water Services	450,000	-		450,000	-		450,000	337,500	112,500
16b	Master Plan Updates (Water, Wastewater, Stormwater & Transportation)	2024	Wastewater Services	720,000	-		720,000	-		720,000	540,000	180,000
16c	Master Plan Updates (Water, Wastewater, Stormwater & Transportation)	2024	Stormwater Drainage and Control Services	180,000	-		180,000	-		180,000	135,000	45,000
16d	Master Plan Updates (Water, Wastewater, Stormwater & Transportation)	2024	Services Related to a Highway	1,650,000	-		1,650,000	-		1,650,000	1,237,500	412,500
	Sub-Total			3,000,000	-	-	3,000,000	-	-	3,000,000	2,250,000	750,000



Figure 4-10 Continued
City of Barrie
Growth Studies Capital – Updated
2019\$

Prj. No.	Increased Service Needs Attributable to Anticipated Development	Timing (year)	Services/Classes to Which the Projects Relate	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										75%	25%
17	Master Plan Updates (Water, Wastewater, Stormwater & Transportation)	2029										
17a	Master Plan Updates (Water, Wastewater, Stormwater & Transportation)	2029	Water Services	450,000	450,000		-	-		-	-	-
17b	Master Plan Updates (Water, Wastewater, Stormwater & Transportation)	2029	Wastewater Services	720,000	720,000		-	-		-	-	-
17c	Master Plan Updates (Water, Wastewater, Stormwater & Transportation)	2029	Stormwater Drainage and Control Services	180,000	180,000		-	-		-	-	-
17d	Master Plan Updates (Water, Wastewater, Stormwater & Transportation)	2029	Services Related to a Highway	1,650,000	1,650,000		-	-		-	-	-
	Sub-Total			3,000,000	3,000,000		-	-		-	-	-
	Other									-		
18	Development Charges Background Study											
18a	Development Charges Background Study	2019	Water Services	20,100			20,100	-		20,100	15,075	5,025
18b	Development Charges Background Study	2019	Wastewater Services	32,640			32,640	-		32,640	24,480	8,160
18c	Development Charges Background Study	2019	Stormwater Drainage and Control Services	7,910			7,910	-		7,910	5,933	1,978
18d	Development Charges Background Study	2019	Services Related to a Highway	73,510			73,510	-		73,510	55,133	18,378
18e	Development Charges Background Study	2019	Protection Services	2,830			2,830	-		2,830	2,123	708
18f	Development Charges Background Study	2019	Public Works	1,450			1,450	-		1,450	1,088	363
18g	Development Charges Background Study	2019	Ambulance Services	240			240	-		240	180	60
18h	Development Charges Background Study	2019	Transit Services	1,440			1,440	-		1,440	1,080	360
18i	Development Charges Background Study	2019	Waste Diversion Services	420			420	-		420	315	105
18j	Development Charges Background Study	2019	Parks & Recreation Services	7,990			7,990	-		7,990	5,993	1,998
18k	Development Charges Background Study	2019	Library Services	780			780	-		780	585	195
18l	Development Charges Background Study	2019	Long-Term Care	40			40	-		40	30	10
18m	Development Charges Background Study	2019	Housing Services	650			650	-		650	488	163
	Sub-Total			150,000	-	-	150,000	-	-	150,000	112,500	37,500



Figure 4-10 Continued
City of Barrie
Growth Studies Capital – Updated

Prj. No.	Increased Service Needs Attributable to Anticipated Development	Timing (year)	Services/Classes to Which the Projects Relate	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 75%	Non-Residential Share 25%
	2019-2028											
19	Development Charges Background Study											
19a	Development Charges Background Study	2023	Water Services	20,100			20,100	-		20,100	15,075	5,025
19b	Development Charges Background Study	2023	Wastewater Services	32,640			32,640	-		32,640	24,480	8,160
19c	Development Charges Background Study	2023	Stormwater Drainage and Control Services	7,910			7,910	-		7,910	5,933	1,978
19d	Development Charges Background Study	2023	Services Related to a Highway	73,510			73,510	-		73,510	55,133	18,378
19e	Development Charges Background Study	2023	Protection Services	2,830			2,830	-		2,830	2,123	708
19f	Development Charges Background Study	2023	Public Works	1,450			1,450	-		1,450	1,088	363
19g	Development Charges Background Study	2023	Ambulance Services	240			240	-		240	180	60
19h	Development Charges Background Study	2023	Transit Services	1,440			1,440	-		1,440	1,080	360
19i	Development Charges Background Study	2023	Waste Diversion Services	420			420	-		420	315	105
19j	Development Charges Background Study	2023	Parks & Recreation Services	7,990			7,990	-		7,990	5,993	1,998
19k	Development Charges Background Study	2023	Library Services	780			780	-		780	585	195
19l	Development Charges Background Study	2023	Long-Term Care	40			40	-		40	30	10
19m	Development Charges Background Study	2023	Housing Services	650			650	-		650	488	163
	Sub-Total			150,000	-	-	150,000	-	-	150,000	112,500	37,500



Figure 4-10 Continued
City of Barrie
Growth Studies Capital – Updated
2019\$

Prj. No.	Increased Service Needs Attributable to Anticipated Development 2019-2028	Timing (year)	Services/Classes to Which the Projects Relate	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 75%	Non-Residential Share 25%
20	Development Charges Update Study											
20a	Development Charges Update Study	2021	Water Services	5,170			5,170	-		5,170	3,878	1,293
20b	Development Charges Update Study	2021	Wastewater Services	8,400			8,400	-		8,400	6,300	2,100
20c	Development Charges Update Study	2021	Stormwater Drainage and Control Services	2,040			2,040	-		2,040	1,530	510
20d	Development Charges Update Study	2021	Services Related to a Highway	18,920			18,920	-		18,920	14,190	4,730
20e	Development Charges Update Study	2021	Protection Services	730			730	-		730	548	183
20f	Development Charges Update Study	2022	Public Works	370			370	-		370	278	93
20g	Development Charges Update Study	2021	Ambulance Services	60			60	-		60	45	15
20h	Development Charges Update Study	2021	Transit Services	370			370	-		370	278	93
20i	Development Charges Update Study	2021	Waste Diversion Services	110			110	-		110	83	28
20j	Development Charges Update Study	2021	Parks & Recreation Services	2,060			2,060	-		2,060	1,545	515
20k	Development Charges Update Study	2021	Library Services	200			200	-		200	150	50
20l	Development Charges Update Study	2021	Long-Term Care	10			10	-		10	8	3
20m	Development Charges Update Study	2021	Housing Services	160			160	-		160	120	40
	Sub-Total			38,600	-	-	38,600	-	-	38,600	28,950	9,650
21	Development Charges Background Study											
21a	Development Charges Background Study	2028	Water Services	20,100			20,100	-		20,100	15,075	5,025
21b	Development Charges Background Study	2028	Wastewater Services	32,640			32,640	-		32,640	24,480	8,160
21c	Development Charges Background Study	2028	Stormwater Drainage and Control Services	7,910			7,910	-		7,910	5,933	1,978
21d	Development Charges Background Study	2028	Services Related to a Highway	73,510			73,510	-		73,510	55,133	18,378
21e	Development Charges Background Study	2028	Protection Services	2,830			2,830	-		2,830	2,123	708
21f	Development Charges Background Study	2029	Public Works	1,450			1,450	-		1,450	1,088	363
21g	Development Charges Background Study	2028	Ambulance Services	240			240	-		240	180	60
21h	Development Charges Background Study	2028	Transit Services	1,440			1,440	-		1,440	1,080	360
21i	Development Charges Background Study	2028	Waste Diversion Services	420			420	-		420	315	105
21j	Development Charges Background Study	2028	Parks & Recreation Services	7,990			7,990	-		7,990	5,993	1,998
21k	Development Charges Background Study	2028	Library Services	780			780	-		780	585	195
21l	Development Charges Background Study	2028	Long-Term Care	40			40	-		40	30	10
21m	Development Charges Background Study	2028	Housing Services	650			650	-		650	488	163
	Sub-Total			150,000	-	-	150,000	-	-	150,000	112,500	37,500



Figure 4-10 Continued
City of Barrie
Growth Studies Capital – Updated
2019\$

Prj. No.	Increased Service Needs Attributable to Anticipated Development	Timing (year)	Services/Classes to Which the Projects Relate	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 75%	Non-Residential Share 25%
	2019-2028											
22	Stormwater Asset Management Plan	2019	Stormwater Drainage and Control Services	130,000	-		130,000	117,000		13,000	9,750	3,250
23	Wastewater Asset Management Plan	2019-2020	Wastewater Services	375,000	-		375,000	337,500		37,500	28,125	9,375
24	Long Range Waste Management Plan - Sustainable Waste Management Strategy	2021	Waste Diversion Services	250,000	-	100,000	150,000	-		150,000	112,500	37,500
25	Studies for Future Diversion Disposal Options	2020	Waste Diversion Services	1,500,000	-		1,500,000	-		1,500,000	1,125,000	375,000
26	Transit Study	2022	Transit Services	200,000	-		200,000	-		200,000	150,000	50,000
27	Transit Study	2027	Transit Services	200,000	-		200,000	-		200,000	150,000	50,000
28	Transit Study	2032	Transit Services	200,000	200,000		-	-		-	-	-
29	Transit Study	2037	Transit Services	200,000	200,000		-	-		-	-	-
30	Reserve Fund Adjustment			3,956,670	-		3,956,670	-		3,956,670	2,967,503	989,168
	Total			20,966,670	3,400,000	384,940	17,181,730	1,965,945	-	15,215,785	11,411,839	3,803,946



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

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

Figure 4-11 provides the calculations to the updated proposed D.C. to be imposed on anticipated development in the City for municipal-wide services over the 10-year forecast period (2019-2028) as described earlier in this chapter. Figure 4-12 provides for D.C. calculations on a 10-year forecast basis for 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 4-1 and 4-12 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 the blended costs per sq.ft. (or sq.m.) of gross floor area for each service/class of service.

With respect to retail and non-retail development, the total costs in the non-residential blended charge in Tables 4-11 and 4-12 have been allocated by the anticipated development (i.e. employees) over the planning period. To calculate the cost per sq.ft. (or sq.m.) of gross floor area, these cost allocations have been divided by the associated sq.ft. (or sq.m.) per employees. These differentiated charges have been recalculated and are provided in Figures 4-13 and 4-14.



Figure 4-11
City of Barrie
Municipal-wide D.C. Calculations
2019 – 2028
2019\$

SERVICE/CLASS OF SERVICE	2019\$ D.C.-Eligible Cost		2019\$ D.C.-Eligible Cost		
	Residential	Non-Residential	Residential	Non-Residential	
			Single Detached Unit	Blended per sq.m.	Blended per sq.ft.
	\$	\$	\$	\$	\$
1. Parks and Recreation Services					
1.1 Development, amenities, facilities, vehicles and equipment	123,928,646	6,522,560	8,101	5.98	0.56
2. Library Services					
2.1 Library facilities, materials and vehicles	12,139,776	638,936	794	0.59	0.05
3. Growth Studies					
3.1 Water Services	1,171,772	390,591	77	0.36	0.03
3.2 Wastewater Services	1,918,998	639,666	125	0.59	0.05
3.3 Stormwater Drainage and Control Services	480,230	160,077	31	0.15	0.01
3.4 Services Related to a Highway	4,293,920	1,431,307	281	1.31	0.12
3.5 Protection Services	145,814	48,605	10	0.04	0.00
3.6 Public Works	17,778	5,926	1	0.01	0.00
3.7 Ambulance Services	2,957	986	-	-	-
3.8 Transit Services	423,101	141,034	28	0.13	0.01
3.9 Waste Diversion Services	1,677,565	559,188	110	0.51	0.05
3.10 Parks & Recreation Services	1,135,050	378,350	74	0.35	0.03
3.11 Library Services	136,294	45,431	9	0.04	0.00
3.12 Long-Term Care	519	173	-	-	-
3.13 Housing Services	7,840	2,613	1	-	-
	11,411,839	3,803,946	747	3.49	0.32
4. Ambulance Services					
4.1 Facilities, Vehicles & equipment	3,565,088	396,121	233	0.36	0.03
5. Long-Term Care					
5.1 Facilities, Vehicles & equipment	648,000	72,000	42	0.07	0.01
6. Housing Services					
6.1 Social housing facilities	10,331,898	-	675	-	-
7. Waste Diversion					
7.1 Waste diversion facilities, vehicles, equipment and other	6,560,700	345,300	429	0.32	0.03
TOTAL	\$168,585,946	\$11,778,863	\$11,020	\$10.80	\$1.00
D.C.-Eligible Capital Cost	\$168,585,946	\$11,778,863			
10-Year Gross Population/GFA Growth (sq.m.)	49,687	1,090,800			
Cost Per Capita/Non-Residential GFA (sq.m.)	\$3,392.96	\$10.80			
By Residential Unit Type	P.P.U.				
Single and Semi-Detached Dwelling	3.248	\$11,020			
Other Multiples	2.571	\$8,723			
Apartments - 2 Bedrooms +	1.819	\$6,172			
Apartments - Bachelor and 1 Bedroom	1.277	\$4,333			
Special Care/Special Dwelling Units	1.100	\$3,732			



Figure 4-12
 City of Barrie
 Municipal-wide D.C. Calculations – Parking
 2019 – 2028
 2019\$

SERVICE	2019\$ D.C.-Eligible Cost		2019\$ D.C.-Eligible Cost		
	Residential	Non-Residential	Residential	Non-Residential	
			Single Detached Unit	Blended per sq.m.	Blended per sq.ft.
8. <u>Parking Services</u>	\$	\$	\$	\$	\$
8.1 Municipal parking spaces and studies	3,067,253	1,022,418	201	0.45	0.04
TOTAL	\$3,067,253	\$1,022,418	\$201	\$0.45	\$0.04
D.C.-Eligible Capital Cost	\$3,067,253	\$1,022,418			
10-Year Gross Population/GFA Growth (sq.m.)	49,687	1,090,800			
Cost Per Capita/Non-Residential GFA (sq.m.)	\$61.73	\$0.45			
By Residential Unit Type	P.P.U.				
Single and Semi-Detached Dwelling	3.248	\$201			
Other Multiples	2.571	\$159			
Apartments - 2 Bedrooms +	1.819	\$112			
Apartments - Bachelor and 1 Bedroom	1.277	\$79			
Special Care/Special Dwelling Units	1.100	\$68			



Figure 4-13
City of Barrie
Retail/Non-Retail Municipal-wide D.C. Calculations
2019 – 2028
2019\$

SERVICE	2019\$ D.C.-Eligible Cost		2019\$ D.C.-Eligible Cost			
	Retail	Non-Retail	Non-Residential		Non-Retail per sq.m.	Non-Retail per sq.ft.
			Retail per sq.m.	Retail per sq.ft.		
	\$	\$	\$	\$	\$	\$
1. <u>Parks and Recreation</u>						
1.1 Parks & Recreation	2,623,903	3,898,657	7.73	0.72	5.19	0.48
2. <u>Library Services</u>						
2.1 Library facilities, materials and vehicles	257,032	381,904	0.76	0.07	0.51	0.05
3. <u>Growth Studies</u>						
3.1 Water Services	157,127	233,463	0.46	0.04	0.31	0.03
3.2 Wastewater Services	257,326	382,340	0.76	0.07	0.51	0.05
3.3 Stormwater Drainage and Control Services	64,396	95,681	0.19	0.02	0.13	0.01
3.4 Services Related to a Highway	575,788	855,519	1.70	0.16	1.14	0.11
3.5 Protection Services	19,553	29,052	0.06	0.01	0.04	-
3.6 Public Works	2,384	3,542	0.01	-	-	-
3.7 Ambulance Services	397	589	-	-	-	-
3.8 Transit Services	56,735	84,298	0.17	0.02	0.11	0.01
3.9 Waste Diversion Services	224,951	334,237	0.66	0.06	0.44	0.04
3.10 Parks & Recreation Services	152,203	226,147	0.45	0.04	0.30	0.03
3.11 Library Services	18,276	27,155	0.05	-	0.04	-
3.12 Long-Term Care	70	103	-	-	-	-
3.13 Housing Services	1,051	1,562	-	-	-	-
	1,530,256	2,273,690	4.51	0.42	3.02	0.28
4. <u>Ambulance Services</u>						
4.1 Facilities, Vehicles & equipment	159,352	236,769	0.47	0.04	0.32	0.03
5. <u>Long-Term Care</u>						
5.1 Facilities, Vehicles & equipment	28,964	43,036	0.09	0.01	0.06	0.01
6. <u>Housing Services</u>						
6.1 Social housing facilities	-	-	-	-	-	-
7. <u>Waste Diversion</u>						
7.1 Waste diversion facilities, vehicles, equipment and other	138,908	206,392	0.41	0.04	0.27	0.03
TOTAL	\$4,738,414	\$7,040,449	\$13.97	\$1.30	\$9.37	\$0.88
D.C.-Eligible Capital Cost	\$4,738,414	\$7,040,449				
10-Year Gross Population/GFA Growth (sq.m.)	339,300	751,500				
Cost Per Non-Residential GFA (sq.m.)	\$13.97	\$9.37				



Figure 4-14
City of Barrie
Retail/Non-Retail Municipal-wide D.C. Calculations – Parking
2019 – 2028
2019\$

SERVICE	2019\$ D.C.-Eligible Cost		2019\$ D.C.-Eligible Cost			
	Retail	Non-Retail	Non-Residential			
			Retail per sq.m.	Retail per sq.ft.	Non-Retail per sq.m.	Non-Retail per sq.ft.
8. Parkir 8.1 Municij	\$ 411,299	\$ 611,118	\$ 1.21	\$ 0.11	\$ 0.81	\$ 0.08
TOTAL	\$411,299	\$611,118	\$1.21	\$0.11	\$0.81	\$0.08
D.C.-Eligible Capital Cost	\$411,299	\$611,118				
10-Year Gross Population/GFA Growth (sq.m.)	339,300	751,500				
Cost Per Non-Residential GFA (sq.m.)	\$1.21	\$0.81				

Figure 4-15 compares the amended and existing single detached dwelling unit charges and Figures 4-16 and 4-17 compares the amended and existing non-residential retail and non-retail charges per square foot, respectfully. These charges are represented in 2019 values.



Figure 4-15
City of Barrie
Comparison of Residential Single Detached Unit D.C. as per the
2019 D.C. By-law and Re-Calculated Charges
2019\$

Service/Class of Service	As per 2019 DC By-law 2019 \$	Re-Calculated 2019 \$
Municipal Wide Services:		
Services Related to a Highway	27,651	27,651
Protection	1,831	1,831
Transit Services	1,153	1,153
Wastewater Services - Facilities	5,928	5,928
Wastewater Services - Facilities Related Debt	3,545	3,545
Water Services - Facilities	76	76
Water Services - Facilities Related Debt	4,929	4,929
Public Works	545	545
Airport***	39	39
Parking***	195	201
Ambulance Services*	210	233
Waste Diversion	386	429
Growth Studies**	714	747
Parks and Recreation Services	7,260	8,101
Library Services	710	794
Housing Services****	626	675
Long Term Care	38	42
Total Municipal Wide Services	55,836	56,918
Area Specific Services		
Former City Municipal Boundary Areas:		
Stormwater Drainage and Control Services	6,466	6,466
Wastewater Services - Collection Systems	1,135	1,135
Water Services - Distribution Systems	417	417
Total Area Specific Services Former City Municipal Boundary Areas	8,018	8,018
Total Services - Former City Municipal Boundary Areas	63,854	64,936
Area Specific Services		
Salem & Hewitts Secondary Plan Areas:		
Wastewater Services - Collection Systems	4,980	4,980
Water Services - Distribution Systems	5,361	5,361
Total Area Specific Services - Salem & Hewitt's Secondary Plan Areas	10,341	10,341
Total Services - Salem & Hewitt's Secondary Plan Areas	66,177	67,259

* Formerly Paramedics

** Previously presented as two separate charges for Administration-Essential Services & Administration-Community Based Services, some studies have been removed as they no longer are eligible due to the changes in the legislation and Parking Studies have been moved to the Parking Service

*** Services become ineligible as of September 18, 2022

**** Formerly Housing Services



Figure 4-16
City of Barrie
Comparison of Existing and Amending Non-Residential – Retail D.C.(per sq. ft.)
2019\$

Service/Class of Service	As per 2019 DC By-law 2019 \$	Re-Calculated 2019 \$
Municipal Wide Services:		
Services Related to a Highway	14.90	14.90
Protection	1.00	1.00
Transit Services	0.65	0.65
Wastewater Services - Facilities	3.19	3.19
Wastewater Services - Facilities Related Debt	1.91	1.91
Water Services - Facilities	0.04	0.04
Water Services - Facilities Related Debt	2.66	2.66
Public Works	0.29	0.29
Airport***	0.02	0.02
Parking***	0.11	0.11
Ambulance Services*	0.04	0.04
Waste Diversion	0.03	0.04
Growth Studies**	0.40	0.42
Parks and Recreation Services	0.64	0.72
Library Services	0.06	0.07
Housing Services****	-	-
Long Term Care	0.01	0.01
Total Municipal Wide Services	25.95	26.07
Area Specific Services:		
Former City Municipal Boundary Areas:		
Stormwater Drainage and Control Services	3.25	3.25
Wastewater Services - Collection Systems	1.31	1.31
Water Services - Distribution Systems	0.48	0.48
Total Area Specific Services Former City Municipal Boundary Areas	5.04	5.04
Total Services - Former City Municipal Boundary Areas	30.99	31.11
Area Specific Services		
Salem & Hewitts Secondary Plan Areas:		
Wastewater Services - Collection Systems	2.82	2.82
Water Services - Distribution Systems	3.03	3.03
Total Area Specific Services - Salem & Hewitt's Secondary Plan Areas	5.85	5.85
Total Services - Salem & Hewitt's Secondary Plan Areas	31.80	31.92

* Formerly Paramedics

** Previously presented as two separate charges for Administration-Essential Services & Administration-Community Based Services, some studies have been removed as they no longer are eligible due to the changes in the legislation and Parking Studies have been moved to the Parking Service

*** Services become ineligible as of September 18, 2022

**** Formerly Housing Services



Figure 4-17
City of Barrie
Comparison of Existing and Amending Non-Residential – Non-Retail D.C. (per sq. ft.)
2019\$

Service/Class of Service	As per 2019 DC By-law 2019 \$	Re-Calculated 2019 \$
Municipal Wide Services:		
Services Related to a Highway	10.31	10.31
Protection	0.71	0.71
Transit Services	0.43	0.43
Wastewater Services - Facilities	2.21	2.21
Wastewater Services - Facilities Related Debt	1.32	1.32
Water Services - Facilities	0.03	0.03
Water Services - Facilities Related Debt	1.84	1.84
Public Works	0.20	0.20
Airport***	-	-
Parking***	0.07	0.08
Ambulance Services*	0.03	0.03
Waste Diversion	0.02	0.03
Growth Studies**	0.27	0.28
Parks and Recreation Services	0.43	0.48
Library Services	0.04	0.05
Housing Services****	-	-
Long Term Care	-	0.01
Total Municipal Wide Services	17.91	18.01
Area Specific Services:		
Former City Municipal Boundary Areas:		
Stormwater Drainage and Control Services	0.88	0.88
Wastewater Services - Collection Systems	0.36	0.36
Water Services - Distribution Systems	0.13	0.13
Total Area Specific Services Former City Municipal Boundary Areas	1.37	1.37
Total Services - Former City Municipal Boundary Areas	19.28	19.38
Area Specific Services		
Salem & Hewitts Secondary Plan Areas:		
Wastewater Services - Collection Systems	1.74	1.74
Water Services - Distribution Systems	1.88	1.88
Total Area Specific Services - Salem & Hewitt's Secondary Plan Areas	3.62	3.62
Total Services - Salem & Hewitt's Secondary Plan Areas	21.53	21.63

* Formerly Paramedics

** Previously presented as two separate charges for Administration-Essential Services & Administration-Community Based Services, some studies have been removed as they no longer are eligible due to the changes in the legislation and Parking Studies have been moved to the Parking Service

*** Services become ineligible as of September 18, 2022

**** Formerly Housing Services



4.10.2 Revised D.C. Rates (2019\$ and 2021\$)

Based on the calculations above, the Municipal-wide D.C. (in 2019\$) is calculated to increase from \$55,836 to \$56,918 per single detached unit, from \$25.95 to \$26.07 per square foot for non-residential retail and \$17.91 to \$18.01 for non-residential non-retail development.

Figure 4-18 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 4-19 provides for the indexed 2021 values as the City's current D.C.s have been indexed by a total of 5.6% from 2019 to January 1, 2021.



**Figure 4-18
City of Barrie
Updated Development Charge Schedule (2019\$)**

Service/Class of Service	RESIDENTIAL					NON-RESIDENTIAL			
	Single and Semi-Detached Dwelling	Other Multiples	Apartments - 2 Bedrooms +	Apartments - Bachelor and 1 Bedroom	Special Care/Special Dwelling Units	Retail (per sq.m. of Gross Floor Area)	Non-Retail (per sq.m. of Gross Floor Area)	Retail (per sq.ft. of Gross Floor Area)	Non-Retail (per sq.ft. of Gross Floor Area)
Municipal Wide Services/Classes:									
Services Related to a Highway	27,651	21,888	15,486	10,871	9,365	160.36	110.96	14.90	10.31
Protection	1,831	1,449	1,025	720	620	10.80	7.60	1.00	0.71
Transit Services	1,153	913	646	453	390	6.98	4.68	0.65	0.43
Wastewater Services - Facilities	5,928	4,692	3,320	2,331	2,008	34.38	23.79	3.19	2.21
Wastewater Services - Facilities Related Debt	3,545	2,806	1,985	1,394	1,201	20.56	14.23	1.91	1.32
Water Services - Facilities	76	60	43	30	26	0.44	0.30	0.04	0.03
Water Services - Facilities Related Debt	4,929	3,902	2,760	1,938	1,669	28.59	19.78	2.66	1.84
Public Works	545	431	305	214	185	3.17	2.19	0.29	0.20
Airport***	39	31	22	15	13	0.00	-	0.02	-
Parking Services***	201	159	113	79	68	1.21	0.81	0.11	0.08
Parks and Recreation Services	8,101	6,412	4,537	3,185	2,743	7.73	5.19	0.72	0.48
Library Services	794	628	444	312	269	0.76	0.51	0.07	0.05
Growth Studies**	747	591	418	294	253	0.46	0.31	0.42	0.28
Ambulance Services*	233	184	130	92	79	0.47	0.32	0.04	0.03
Housing Services****	675	534	378	265	229	-	-	-	-
Long Term Care	42	33	24	17	14	0.09	0.06	0.01	0.01
Waste Diversion	429	340	240	169	145	0.41	0.27	0.04	0.03
Total Municipal Wide Services/Classes	56,918	45,053	31,876	22,379	19,277	276.41	191.00	26.07	18.01
Area Specific Services									
Former City Municipal Boundary Areas:									
Stormwater Drainage and Control Services	6,466	5,118	3,621	2,542	2,190	34.96	9.50	3.25	0.88
Wastewater Services - Collection Systems	1,135	898	636	446	384	14.09	3.83	1.31	0.36
Water Services - Distribution Systems	417	330	234	164	141	5.17	1.41	0.48	0.13
Total Area Specific Services Former City Municipal Boundary Areas	8,018	6,346	4,491	3,152	2,715	54.22	14.74	5.04	1.37
Total Services - Former City Municipal Boundary Areas	64,936	51,399	36,367	25,531	21,992	330.63	205.74	31.11	19.38
Area Specific Services									
Salem & Hewitt's Secondary Plan Areas:									
Wastewater Services - Collection Systems	4,980	3,942	2,789	1,958	1,687	30.35	18.76	2.82	1.74
Water Services - Distribution Systems	5,361	4,244	3,002	2,108	1,816	32.67	20.20	3.03	1.88
Total Area Specific Services - Salem & Hewitt's Secondary Plan Areas	10,341	8,186	5,791	4,066	3,503	63.01	38.96	5.85	3.62
Total Services - Salem & Hewitt's Secondary Plan Areas	67,259	53,239	37,667	26,445	22,780	339.42	229.96	31.92	21.63

* Formerly Paramedics

** Previously presented as two separate charges for Administration-Essential Services & Administration-Community Based Services, some studies have been removed as they no longer are eligible due to the changes in the legislation and Parking Studies have been moved to the Parking Service

*** Airport and Parking Services become ineligible as of September 18, 2022

**** Formerly Housing Services



**Figure 4-19
City of Barrie
Updated Development Charge Schedule (2021\$)**

Service/Class of Service	RESIDENTIAL					NON-RESIDENTIAL			
	Single and Semi-Detached Dwelling	Other Multiples	Apartments - 2 Bedrooms +	Apartments - Bachelor and 1 Bedroom	Special Care/Special Dwelling Units	Retail (per sq.m. of Gross Floor Area)	Non-Retail (per sq.m. of Gross Floor Area)	Retail (per sq.ft. of Gross Floor Area)	Non-Retail (per sq.ft. of Gross Floor Area)
Municipal Wide Services/Classes:									
Services Related to a Highway	29,220	23,130	16,364	11,488	9,896	169.48	117.27	15.74	10.89
Protection	1,934	1,531	1,083	760	655	11.42	8.03	1.06	0.75
Transit Services	1,218	964	682	479	413	7.37	4.94	0.69	0.46
Wastewater Services - Facilities	6,265	4,959	3,509	2,463	2,122	36.33	25.15	3.38	2.33
Wastewater Services - Facilities Related Debt	3,746	2,965	2,098	1,473	1,269	21.73	15.04	2.02	1.40
Water Services - Facilities	81	64	45	32	27	0.46	0.32	0.04	0.03
Water Services - Facilities Related Debt	5,209	4,123	2,917	2,048	1,764	30.21	20.90	2.80	1.94
Public Works	576	456	323	226	195	3.33	2.31	0.31	0.21
Airport***	41	32	23	16	14	0.26	0.17	0.02	0.02
Parking Services***	212	168	119	83	72	1.29	0.86	0.12	0.08
Parks and Recreation Services	8,560	6,776	4,795	3,366	2,899	8.18	5.49	0.76	0.51
Library Services	839	664	469	330	284	0.75	0.54	0.07	0.05
Growth Studies**	789	625	442	311	267	4.74	3.23	0.44	0.30
Ambulance Services*	246	194	137	97	83	0.43	0.32	0.04	0.03
Housing Services****	713	564	399	280	242	-	-	-	-
Long Term Care	44	35	25	18	15	0.11	0.11	0.01	0.01
Waste Diversion	453	359	254	179	153	0.43	0.32	0.04	0.03
Total Municipal Wide Services/Classes	60,146	47,609	33,684	23,649	20,370	296.52	205.00	27.54	19.04
Area Specific Services									
Former City Municipal Boundary Areas:									
Stormwater Drainage and Control Services	6,833	5,409	3,826	2,686	2,314	36.94	10.04	3.44	0.93
Wastewater Services - Collection Systems	1,199	949	672	472	406	14.88	4.05	1.38	0.38
Water Services - Distribution Systems	441	349	248	173	149	5.46	1.49	0.51	0.14
Total Area Specific Services Former City Municipal Boundary Areas	8,473	6,707	4,746	3,331	2,869	57.28	15.58	5.33	1.45
Total Services - Former City Municipal Boundary Areas	68,619	54,316	38,430	26,980	23,239	353.80	220.58	32.87	20.49
Area Specific Services									
Salem & Hewitt's Secondary Plan Areas:									
Wastewater Services - Collection Systems	5,262	4,166	2,947	2,070	1,783	32.07	19.83	2.98	1.84
Water Services - Distribution Systems	5,665	4,485	3,172	2,228	1,919	34.53	21.35	3.21	1.98
Total Area Specific Services - Salem & Hewitt's Secondary Plan Areas	10,927	8,651	6,119	4,298	3,702	66.60	41.18	6.19	3.82
Total Services - Salem & Hewitt's Secondary Plan Areas	71,073	56,260	39,803	27,947	24,072	363.12	246.18	33.73	22.86

* Formerly Paramedics

** Previously presented as two separate charges for Administration-Essential Services & Administration-Community Based Services, some studies have been removed as they no longer are eligible due to the changes in the legislation and Parking Studies have been moved to the Parking Service

*** Airport and Parking Services become ineligible as of September 18, 2022

**** Formerly Housing Services



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 may be subject to annual interest charges. The interest rate has been adopted by City Council motion 20-G-025 which is based on the City’s D.C. Interest Policy as per staff report FIN002-20. 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*.

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 for 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 Dwelling, Hospice, Rental Housing; etc.

As presented earlier, the D.C. for Parking and Airport services will cease to be recoverable as of September 18, 2022. As such, changes to Schedules A and C 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 April 9, 2021, as amended (if applicable)”;

“Approve the updated capital projects set out in Chapter 4 of the Development Charges Update Study dated April 9, 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 2019-055



A-1: Existing Policies under By-law 2019-055

The following sections provide rules governing the calculation, payment, and collection of D.C.s as provided in By-law 2019-055, in accordance with the D.C.A.

4. Approval for Development

- a) Development Charges shall be imposed on all land, buildings or structures that are developed for Residential or Non-Residential Uses if the Development requires:
 - (i) the passing of a Zoning By-law or of an amendment to a Zoning By-law under section 34 of the Planning Act;
 - (ii) the approval of a minor variance under section 45 of the Planning Act;
 - (iii) a conveyance of land to which a by-law passed under subsection 50(7) of the Planning Act applies;
 - (iv) the approval of a plan of subdivision under section 51 of the Planning Act;
 - (v) a consent under section 53 of the Planning Act;
 - (vi) the approval of a description under section 9 of the Condominium Act, S.O. 1998, c. C.19, as amended, or any successor thereof; or
 - (vii) the issuing of a permit under the Building Code Act in relation to a building or structure.
- b) No more than one development charge for each Service designated in section 2 shall be imposed upon any land, buildings or structures to which this By-law applies even though two or more of the actions described in section 4(a) are required before the land, buildings or structures can be developed.
- c) Despite section 4(b), if two or more of the actions described in section 4(a) occur at different times, and if the subsequent action has the effect of increasing the need for municipal services as designated in this by-law, an additional



development charge shall be calculated in accordance with the provisions of this by-law.

5. Calculation of Development Charges

- a) Subject to the provisions of this by-law, development charges against land shall be calculated and collected in accordance with the rates set out in Schedules B-1, B-2, C-1, C-2, D-1, and D-2 as applicable.
- b) The development charge with respect to the use of any land, buildings or structures shall be calculated as follows:
 - (i) in the case of residential development or redevelopment, or the residential portion of a mixed-use development, based upon the number and type of dwelling units;
 - (ii) in the case of non-residential development or redevelopment, or the non-residential portion of a mixed-use development or redevelopment, based on the gross floor area of such development or redevelopment.
- c) In the event that it is not possible for the Treasurer or his/her designate to determine with sufficient specificity the category of intended use for proposed buildings or structures or units within such buildings or structures thereof for which an application for building permit has been received within an industrial use as defined within the City of Barrie's Zoning By-law 2009-141, or any successor thereto, the proposed use shall be deemed to be a non-retail use for purposes of calculation of the development charge.
- d) In the event that at the time of the approval for occupancy of such buildings or structures or units within such buildings or structures, it can be determined with sufficient specificity that the use falls within the definition of a use other than a non-retail use as set out in this by-law then the applicant shall be required to pay an additional amount being the difference between the development charges eligible for retail uses and the non-retail use



8. Timing of Calculation and Payment of Development Charges

- a) Subject to the exemptions set out in this By-law or by statute or regulation, development charges shall be calculated and payable in full in money or by provision of services as may be agreed upon, or by credit granted by the Development Charges Act, 1997 on the date that the first building permit including a conditional permit is issued in relation to a building or structure on land to which a development charge applies with respect to any new or additional gross floor area or any additional dwelling units, or in a manner or at a time otherwise lawfully agreed upon.
- b) Where development charges apply to land in relation to which a building permit is required, the building permit shall not be issued until the development charge has been paid in full.
- c) Notwithstanding subsections (a) and (b), the payment of development charges may be deferred for any permit or conditional permit that authorizes the construction of only the underground portions of a building.
- d) Notwithstanding subsections (a), (b), and (c), a residential development charge with respect to:
 - (i) Services Related to a Highway (formerly Roads);
 - (ii) Water Services – Facilities;
 - (iii) Water Services - Facility Related Debt;
 - (iv) Wastewater Services – Facilities;
 - (v) Wastewater Services - Facilities Related Debt;
 - (vi) Former City Municipal Boundary Areas (where applicable):
 - a. Stormwater Drainage and Control Services
 - b. Water Services – Distribution Systems
 - c. Wastewater Services – Collection Systems



(vii) Salem & Hewitt's Secondary Plan Areas (where applicable):

- a. Water Services – Distribution Systems
- b. Wastewater Services – Collection Systems,

(viii) Whiskey Creek - Stormwater

as set out in Schedules B-1, B-2, C-1, C-2, D-1, and D-2 attached, are payable, with respect to an approval of a plan of subdivision or a severance under section 51 or 53 of the Planning Act, immediately upon entering into the subdivision/consent agreement, based upon the number and type of residential lots created, and, in the case of subdivision blocks, based on the maximum zoned capacity of each block pursuant to the City of Barrie's Zoning By-law 2009-141 as amended or any successor thereto.

- e) Development Charges will be calculated at the current rate in effect on the day prior to issuance of the building permit or revision to building permit
- f) If construction has not begun after 24 months from the date of issuance of a building permit (conditional or full), a top-up to the rate in effect at that time will apply.

9. Indexing of Development Charges

The development charges set out in Schedules B-1, B-2, C-1, C-2, D-1 and D-2 of this By-law shall be adjusted annually without amendment to this By-law, commencing on January 1, 2020, by the percentage change during the preceding year, as recorded in the Statistics Canada's Construction Cost Index (non-residential building – table 18-10-0135-01), as may be amended or replaced from time to time.

11. Exemptions and Discounts

- a) The following designated categories of uses are exempt or discounted from the imposition of development charges otherwise payable under this By-law as noted below:
 - (i) All residential building permits not resulting in the creation of an additional dwelling unit;



- (ii) No development charge shall be imposed where the only effect of an action referred to in Section 4 of this By-law is to:
 - a. permit an enlargement to an existing dwelling unit;
 - b. permit the creation of one or two additional dwelling units within or to an existing or to be constructed single detached dwelling; or
 - c. permit one additional dwelling unit within or to an existing or to be constructed semi-detached dwelling or a row dwelling; or
 - d. permit one additional dwelling unit within or to any other existing residential building.
- (iii) Notwithstanding (ii) (b) 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.
- (iv) Notwithstanding (ii) (c) and (d) above, development charges shall be imposed if the additional unit has a gross floor area greater than:
 - a. in the case of a semi-detached or row dwelling, the gross floor area of the existing dwelling unit; and
 - b. in the case of any other residential building, the gross floor area of the smallest dwelling unit contained in the said residential building.
- (v) The exemption to development charges in (ii) (c) & (d) above shall only apply to the first instance of intensification in an existing dwelling. The addition of a second suite is considered intensification.
- (vi) Subject to (iii), (iv) and (v) above, any exemption under (ii) above shall apply to the smallest dwelling unit, as determined by applicable rates under this By-law.
- (vii) Notwithstanding subsections (i) to (vi) inclusive, if lands, building(s) and/or structure(s) of the subject development was exempt from or not required to pay development charges, no reduction against



development charges will be allowed. This includes redevelopment where a demolished dwelling contained a second suite."

- (viii) Land owned by and used for the purposes of The Corporation of the City of Barrie, any other municipality, the Simcoe County District School Board, the Simcoe-Muskoka Catholic District School Board (and any other school board defined in section 1(1) of the Education Act), or any local board or commission;
- (ix) Temporary Buildings or Structures shall be exempt from the provisions of this By-law. In the event that a Temporary Building or Structure becomes protracted, it shall be deemed not to be nor ever to have been a Temporary Building or Structure, and the Development Charges rate acquired to be paid under this By-law shall become payable on the date the Temporary Building or Structure becomes Protracted.
- (x) Institutional development of land, buildings or structures owned by a College of applied arts and technology established pursuant to the Ministry of Training, Colleges and Universities Act, R.S.O. 1990, c. M. 19, and used for teaching-related purposes on lands owned by and used for the purposes of the College but does not include student residences;
- (xi) Institutional development of land, buildings or structures owned by a university established by an Act of the Legislative Assembly of Ontario, and used for teaching-related purposes on lands owned by and used for the purposes of the University, but does not include student residences;
- (xii) No development charge shall be imposed on development constituting one or more enlargements of an existing industrial building as defined herein, where attached, up to a maximum of fifty percent (50%) of its gross floor area of the existing industrial building.
 - a. Where a proposed enlargement exceeds fifty percent (50%) of the gross floor area of an existing industrial building, development charges are payable on the amount by which the proposed enlargement exceeds fifty percent (50%) of the gross floor area before the enlargement.



- b. The cumulative total of the gross floor area previously exempted hereunder shall not be included in the determination of the amount of the exemption applicable to any subsequent enlargement and shall be calculated on the basis of the site as it existed on the date immediately prior to the first exemption hereunder.
 - c. Where a subdivision of the site subsequent to any enlargement previously exempted hereunder results in the existing industrial building being on a lot separate from the development previously, further exemptions, if any, pertaining to the existing industrial building shall be calculated on the basis of the site as it existed on the date immediately prior to the first exemption hereunder.
- b) If a development involves the demolition of and replacement of a building or structure within 60 months of the demolition permit being issued, or the conversion from one principal use to another, the developer shall be allowed a credit equivalent to:
- (i) the number of dwelling units demolished/converted multiplied by the applicable residential development charge in place at the time the development charge is payable, and/or
 - (ii) the gross floor area of the building demolished/converted multiplied by the current non-residential development charge in place at the time the development charge is payable. The credit can, in no case, exceed the amount of the development charge that would otherwise be payable;

provided that such amounts shall not exceed, in total, the amount of the Development Charges otherwise payable with respect to the Redevelopment. For greater certainty, any amount of the reductions set out above that exceed the amount of Development Charges otherwise payable with respect to the Redevelopment shall be reduced to zero and shall not be transferred to any other Development or Redevelopment.

- c) If the redevelopment is subject to Whiskey Creek area specific charges for Stormwater Management Works and Downstream Conveyance Works, then the following applies:



- (i) No credit shall be given with respect to the area specific charges for Stormwater Management Works and Downstream Conveyance Works, if all or part of a residential or non-residential building or structure is demolished.
- (ii) Notwithstanding subsection 10(c)(i), if a development charge has previously been paid under Schedules D-1 and D-2 or a predecessor by-law for the Whiskey Creek Downstream Conveyance Works in respect of development or land, and the land is being redeveloped:
 - a. The development charge payable in respect of the redevelopment will be calculated under this by-law;
 - b. The development charge determined under paragraph (ii)(a) will be reduced by a credit equivalent to the development charge previously paid in respect of the land provided that the owner provides proof of payment satisfactory to the City of Barrie and the credit does not exceed the development charge determined under paragraph (ii)(a).
- d) Where a building or structure ("former premises") is replaced by another building or structure on the same site prior to demolition of the former premises, the owner of the building or structure who has paid a development charge on the construction of the replacement building may submit a request to the Treasurer of the Finance Department for a refund from the development charge reserve funds for all or part of the development charge paid under this by-law, or a predecessor by-law. The refund shall be granted so long as:
 - (i) the former premises are lawfully demolished or removed from the land within thirty-six (36) months from the date the interior final inspection process has been closed by the Chief Building Officially or an occupancy permit has been issued where applicable for the replacement building or structure; and
 - (ii) the replacement building uses the existing municipal service which serviced the former premises.



The refund shall be calculated by determining the development charge that would be payable at the current rate at the time the demolition permit is issued, in respect of the former premises (by using the applicable current rate for the particular type of non-residential premises or dwelling units demolished) as if those former premises were currently being constructed, erected or placed for the first time. The refund shall be paid after confirmation that the former premises have been demolished.

- e) The following designated categories of uses are subject to discounted development charges as noted below:
- (i) notwithstanding the table of development charges set out in Schedules B-1, B-2, C-1 and C-2, development of lands owned by a non-profit institution for institutional uses by the non-profit institution for their own purposes as to 50% of the development charge chargeable;
 - (ii) Notwithstanding the table of development charges set out in Schedules B-1 and B-2, one accessory building to an existing industrial building be charged \$2.33 per square foot subject to indexing in accordance with Section “8” “Indexing of Development Charges”.
 - (iii) Notwithstanding the development charges set out in Schedules B-1, B-2, C-1, and C-2, a 40% discount of the development charges otherwise applicable shall be provided for the following uses as described in the City’s zoning by-law 2009-141 as amended: Bakery, Concrete Product Manufacturing; Foundry; Manufacturing and Processing in Wholly Enclosed Buildings; Manufacturing, Refining, or Rendering of Noxious Products; Medical Marihuana Production Facility/Cannabis Production Facility; Printing and Publishing, Research/Development Facility, Office, Conference Centre, Warehousing in wholly enclosed buildings excluding self-storage, Custom Workshop, Office (medical), Trade Centre, Industrial School, and Data Processing Centre, for the first 1.5 million square feet of space constructed for the targeted uses, within the life of the by-law.



20. Expiry

The by-law will expire on June 18, 2024, unless it is repealed by Council at an earlier date.



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

SUMMARY OF SERVICE STANDARDS AS PER DEVELOPMENT CHARGES ACT, 1997, AS AMENDED							
Service Category	Sub-Component	10 Year Average Service Standard					Maximum Ceiling LOS
		Cost (per capita)		Quantity (per capita)		Quality (per capita)	
Parking	Parking Spaces	\$180.07	0.0118	No. of spaces	15,260	per space	8,603,384
Parks and Recreation Services	Outdoor Recreation and Park Development	\$921.02	0.0092	Hectares of Parkland	100,111	per hectare	44,004,494
	Parks & Recreation Vehicles and Equipment	\$48.44	0.0008	No. of vehicles and equipment	60,550	per vehicle	2,314,366
	Recreation Facilities	\$1,844.02	0.4517	sq.m. of building area	4,082	per sq.m.	88,103,588
Library Services	Library Facilities	\$210.20	0.0366	sq.m. of building area	5,743	per sq.m.	10,042,936
	Library Collection Materials	\$73.72	2.7884	No. of library collection items	26	per collection item	3,522,194
Ambulance Services	Ambulance Facilities	\$73.57	0.0124	sq.m. of building area	5,933	per sq.m.	3,515,027
	Ambulance Vehicles	\$20.90	0.0001	No. of vehicles and equipment	174,167	per vehicle	998,560
Long-Term Care	Long-Term Care Facilities	\$156.53	0.0334	sq.m. of building area	4,687	per sq.m.	7,478,690
	Long-Term Care Vehicles and Equipment	\$0.51	0.0000	No. of vehicles and equipment	63,750	per vehicle	24,367
Housing Services	Simcoe County Housing Corp.	\$766.93	0.74	sq.m. of building area	1,042.02	per sq.m.	36,642,382
Waste Diversion Services	Waste Diversion - Facilities - Stations/Depots	\$216.73	0.1720	sq.m. of building area	1,260	per sq.m.	10,354,926
	Waste Diversion - Vehicles & Equipment	\$45.58	0.0002	No. of vehicles and equipment	227,900	per vehicle	2,177,721
	Waste Diversion - Other	\$7.10	1.0750	No. of items	7	per item	339,224



**City of Barrie
Service Standard Calculation Sheet**

Service: Outdoor Recreation and Park Development
Unit Measure: Hectares of Parkland

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Value (\$/Hectare)
Regional Parks											
Barrie Community Sports Park	47.95	47.95	47.95	47.95	47.95	47.95	47.95	48.92	48.92	48.92	\$172,000
Sunnidale Park	19.67	19.67	19.67	19.67	19.67	19.67	19.67	19.67	19.67	19.67	\$172,000
DISTRICT PARKS (Excluding Facility Portion)											
Allandale Recreation Center	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	\$244,000
Centennial Beach North **	-	-	-	-	4.13	4.13	4.13	4.13	4.13	4.13	\$244,000
Centennial Beach South **	11.37	11.37	11.37	11.37	3.33	3.33	3.33	3.33	3.33	3.33	\$244,000
East Bayfield Park	4.91	4.91	4.91	4.91	4.91	4.91	4.91	4.91	4.91	4.91	\$244,000
Eastview Park	4.34	4.34	4.34	4.34	4.34	4.34	4.34	5.76	5.76	5.76	\$244,000
Heritage Park	2.97	2.97	2.97	2.97	2.97	2.97	2.97	2.96	2.96	2.96	\$322,000
Holly Community Park	4.83	4.83	4.83	4.83	4.83	4.83	4.83	4.83	4.83	4.83	\$244,000
Lampman Lane Park	5.43	5.43	5.43	5.43	5.43	5.43	5.43	7.22	7.22	7.22	\$244,000
Marina **	-	-	-	-	2.48	2.48	2.48	2.48	2.48	2.48	\$244,000
South Shore Park **	-	-	-	-	5.34	5.34	5.34	5.34	5.34	5.34	\$244,000
Tiffin Launch **	-	-	-	-	1.54	1.54	1.54	1.54	1.54	1.54	\$244,000
Community Parks											
Allandale Station Park	10.84	10.84	10.84	10.84	10.84	10.84	10.84	8.15	8.15	8.15	\$244,000
Ferndale Park	4.08	4.08	4.08	4.08	4.08	4.08	4.08	5.12	5.12	5.12	\$244,000
Huron Park North	8.26	8.26	8.26	8.26	8.26	8.26	8.26	11.78	11.78	11.78	\$244,000
Lennox Park	7.97	7.97	7.97	7.97	7.97	7.97	7.97	7.97	7.97	7.97	\$244,000
Marina North **	-	-	-	-	1.01	1.01	1.01	2.49	2.49	2.49	\$244,000
Military Heritage Park **	-	-	-	-	1.05	0.93	1.05	2.59	2.59	2.59	\$244,000
Minets Point	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	\$322,000
North Shore Trail	-	-	-	-	6.55	6.55	6.55	6.55	6.55	6.55	\$244,000
Painswick Park	3.92	3.92	3.92	3.92	3.92	3.92	3.92	3.92	3.92	3.92	\$244,000
Queens Park	3.88	3.88	3.88	3.88	3.88	3.88	3.88	3.88	3.88	3.88	\$244,000
Sandringham	7.49	7.49	7.49	7.49	7.49	7.49	7.49	9.06	9.06	9.06	\$244,000
Shear Park	2.04	2.04	2.04	2.04	2.04	2.04	2.04	4.27	4.27	4.27	\$244,000



**City of Barrie
Service Standard Calculation Sheet**

Service: Outdoor Recreation and Park Development
Unit Measure: Hectares of Parkland

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Value (\$/Hectare)
Tyndale Park	3.08	3.08	3.08	3.08	3.08	3.08	3.08	6.18	6.18	6.18	\$322,000
Neighbourhood Parks											
Allandale Heights Park	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	\$563,000
Archie Goodall Park	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	\$563,000
Assikinack Park	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14	\$563,000
Barwick Park	0.14	0.14	0.14	0.14	0.14	0.14	0.14	1.57	1.57	1.57	\$563,000
Batteaux	2.31	2.31	2.31	2.31	2.31	2.31	2.31	3.02	3.02	3.02	\$563,000
Bayshore Park	2.06	2.06	2.06	2.06	2.06	2.06	2.06	2.06	2.06	2.06	\$563,000
Bear Creek	3.16	3.16	3.16	3.16	3.16	3.16	3.16	3.17	3.17	3.17	\$563,000
Berczy Park	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.89	0.89	0.89	\$563,000
Blair Park	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	\$563,000
Brock Park	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.56	1.56	1.56	\$563,000
Brownwood Park	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.96	0.96	0.96	\$563,000
Brunton Park	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	\$563,000
Carter Park	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.46	0.46	0.46	\$563,000
Cartwright Park	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	\$563,000
Catherine	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.14	1.14	1.14	\$563,000
Cedargrove Park	0.55	0.55	0.55	0.55	0.55	0.55	0.55	1.31	1.31	1.31	\$563,000
Chalmers Park	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	\$563,000
Cheltenham Park	2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.67	\$563,000
Clougheey Park	1.72	1.72	1.72	1.72	1.72	1.72	1.72	1.72	1.72	1.72	\$563,000
College Heights Park	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	\$563,000
Coronation Park	-	2.12	2.12	2.12	2.12	2.12	2.12	2.12	2.12	2.12	\$563,000
Cudia Park	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	\$563,000
Cumming Park	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	\$563,000
Cundles West Park	1.89	1.89	1.89	1.89	1.89	1.89	1.89	1.89	1.89	1.89	\$563,000
D & J Fralick Park	1.09	1.09	1.09	1.09	1.09	1.09	1.09	3.53	3.53	3.53	\$563,000
D'ambrosio Park	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	\$563,000
Dock Road Park	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.33	1.33	1.33	\$563,000
Donald St. Park	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	\$563,000
Dunsmore Park	-	-	-	0.81	0.81	0.81	0.81	2.00	2.00	2.00	\$563,000
Eccles Park	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.11	0.11	0.11	\$563,000
Elizabeth Park	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	\$563,000
Emms Park	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	\$563,000



**City of Barrie
Service Standard Calculation Sheet**

Service: Outdoor Recreation and Park Development
Unit Measure: Hectares of Parkland

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Value (\$/Hectare)
Ferris Park	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	\$563,000
Gibbon Park	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.78	0.78	0.78	\$563,000
Golden Meadow Park	3.48	3.48	3.48	3.48	3.48	3.48	3.48	3.48	3.48	3.48	\$563,000
Greenfield Park	2.31	2.31	2.31	2.31	2.31	2.31	2.31	2.31	2.31	2.31	\$563,000
Hanmer Park	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.85	0.85	0.85	\$563,000
Harvie Park	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	\$563,000
H.G. Robertson Park	1.32	1.32	1.32	1.32	1.32	1.32	1.32	0.85	0.85	0.85	\$563,000
Hickling Park	2.52	2.52	2.52	2.52	2.52	2.52	2.52	2.52	2.52	2.52	\$563,000
Highland Park	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	\$563,000
Hurst Park	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	\$563,000
Hyde Park	1.87	1.87	1.87	1.87	1.87	1.87	1.87	4.70	4.70	4.70	\$563,000
Irwin Park	0.05	0.05	0.05	0.05	0.05	0.05	0.05	1.17	1.17	1.17	\$563,000
J Gibbons Park	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	\$563,000
John Edwin Coupe Park	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	\$563,000
Johnson Beach	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.40	0.40	0.40	\$563,000
Kearsey Park	1.93	1.93	1.93	1.93	1.93	1.93	1.93	1.93	1.93	1.93	\$563,000
Kempfenfelt Park	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	\$563,000
Kozlov Park	-	-	-	-	0.68	0.68	0.68	1.68	1.68	1.68	\$563,000
Kuzmich Park	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	\$563,000
Leacock Park	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	\$563,000
Lions Park	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	\$563,000
Livingstone Park	3.04	3.04	3.04	3.04	3.04	3.04	3.04	3.04	3.04	3.04	\$563,000
Lonsdale Park	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	\$563,000
Loughheed Park	2.41	2.41	2.41	2.41	2.41	2.41	2.41	2.41	2.41	2.41	\$563,000
Loyalist Park	0.89	0.89	0.89	0.89	0.89	0.89	0.89	1.77	1.77	1.77	\$563,000
MacMorrison Park	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	\$563,000
Madelaine Park	2.02	2.02	2.02	2.02	2.02	2.02	2.02	2.69	2.69	2.69	\$563,000
Maitland Park	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.24	2.24	2.24	\$563,000
Mapleton Park	1.35	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	\$563,000
Marsellus Park	2.66	2.66	2.66	2.66	2.66	2.66	2.66	2.66	2.66	2.66	\$563,000
Mayfair Park	0.17	0.17	0.17	0.17	0.17	0.17	0.17	1.76	1.76	1.76	\$563,000
McConkey Park	1.26	1.26	1.26	1.26	1.26	1.26	1.26	1.26	1.26	1.26	\$563,000
Monserand Park	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	\$563,000
Nelson Lookout	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.43	0.43	0.43	\$563,000



**City of Barrie
Service Standard Calculation Sheet**

Service: Outdoor Recreation and Park Development
Unit Measure: Hectares of Parkland

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Value (\$/Hectare)
Nelson Square	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	\$563,000
Oates Park	0.47	0.47	0.47	0.47	0.47	0.47	0.47	1.05	1.05	1.05	\$563,000
Osprey Ridge Park	1.69	1.69	1.69	1.69	1.69	1.69	1.69	1.69	1.69	1.69	\$563,000
Patricia Park	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	\$563,000
Patterson Place Park	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	\$563,000
Pioneer Park	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	\$563,000
Pringle Park	2.89	2.89	2.89	2.89	2.89	2.89	2.89	2.89	2.89	2.89	\$563,000
Radenhurst Park	0.78	0.78	0.78	0.78	0.78	0.78	0.78	1.45	1.45	1.45	\$563,000
Redfern Park	0.76	0.76	0.76	0.76	0.76	0.76	0.76	1.45	1.45	1.45	\$563,000
Redpath Park	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	\$563,000
Robin Court	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	\$563,000
Riverwood Park	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	\$563,000
Sam Cancilla Park	0.83	0.83	0.83	0.83	0.83	0.83	0.83	2.06	2.06	2.06	\$563,000
Scott Park	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	\$563,000
Shalom Park	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	\$563,000
Sheppards Park	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.49	0.49	0.49	\$563,000
Shoreview Park	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.79	1.79	1.79	\$563,000
Snowshoe Park	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	\$563,000
St. Vincent Park	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	\$563,000
Steel St. Park	1.13	1.13	1.13	1.13	1.13	1.13	1.13	0.99	0.99	0.99	\$563,000
Stollar Park	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	\$563,000
Strabane Park	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	\$563,000
Succession Parkette	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.16	0.16	0.16	\$563,000
Summerset Park	-	2.82	2.82	2.82	2.82	2.82	2.82	2.82	2.82	2.82	\$563,000
Surrey Park	2.06	2.06	2.06	2.06	2.06	2.06	2.06	2.34	2.34	2.34	\$563,000
Tall Trees	0.10	0.10	0.10	0.10	0.10	0.10	0.10	1.70	1.70	1.70	\$563,000
The Gables	0.76	0.76	0.76	0.76	0.76	0.76	0.76	14.51	14.51	14.51	\$563,000
Tollendal Woods Park	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.71	0.71	0.71	\$563,000
Valley View Park North	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.35	0.35	0.35	\$563,000
Valley View Park South	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.16	0.16	0.16	\$563,000
Vancouver Lookout	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.16	0.16	0.16	\$563,000
Veteran's Woods	1.19	1.19	1.19	1.19	1.19	1.19	1.19	4.70	4.70	4.70	\$563,000
Victoria Woods	3.21	3.21	3.21	3.21	3.21	3.21	3.21	3.21	3.21	3.21	\$563,000
Walnut Crescent Park	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.76	0.76	0.76	\$563,000



**City of Barrie
Service Standard Calculation Sheet**

Service: Outdoor Recreation and Park Development
Unit Measure: Hectares of Parkland

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Value (\$/Hectare)
Wessenger Park	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	\$563,000
Wilkin's Beach	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	\$563,000
Willoughby Park	1.92	1.92	1.92	1.92	1.92	1.92	1.92	5.30	5.30	5.30	\$563,000
VILLAGE SQUARES											
Pending Development Per Park	-	-	-	-	-	-	-	0.30	0.30	0.30	\$1,586,000
Meridian Square	-	-	-	-	-	-	-	-	0.47	0.47	\$694,000
Environmentally Protected Open Space and Natural Heritage System With Trails											
ARDAGH BLUFFS	119.00	119.00	119.00	119.00	119.00	119.00	119.00	119.00	119.00	119.00	\$30,300
ARDAGH BLUFFS EAST	4.84	4.84	4.84	4.84	4.84	4.84	4.84	4.84	4.84	4.84	\$30,300
ARDAGH BLUFFS SOUTH	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	\$30,300
ARDAGH BLUFFS WEST	69.09	69.09	69.09	69.09	69.09	69.09	69.09	69.09	69.09	69.09	\$30,300
AUDREY MILLIGAN PARK	3.58	3.58	3.58	3.58	3.58	3.58	3.58	3.58	3.58	3.58	\$30,300
BAYSHORE RIDGE WEST	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	\$30,300
BEAR CREEK ECO PARK	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	\$30,300
BROWN'S BUSH	2.02	2.02	2.02	2.02	2.02	2.02	2.02	2.02	2.02	2.02	\$30,300
Bunkers Creek Eco Park	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	\$30,300
Dyments Pond	1.68	1.68	1.68	1.68	1.68	1.68	1.68	1.68	1.68	1.68	\$30,300
HEWITTS CREEK EAST	4.30	4.30	4.30	4.30	4.30	4.30	4.30	4.30	4.30	4.30	\$30,300
HEWITTS CREEK NORTH	17.59	17.59	17.59	17.59	17.59	17.59	17.59	17.59	17.59	17.59	\$30,300
HEWITTS CREEK RAVINE	12.47	12.47	12.47	12.47	12.47	12.47	12.47	12.47	12.47	12.47	\$30,300
HEWITTS CREEK SOUTH	2.94	2.94	2.94	2.94	2.94	2.94	2.94	2.94	2.94	2.94	\$30,300
LOVERS CREEK RAVINE HURST	5.30	5.30	5.30	5.30	5.30	5.30	5.30	5.30	5.30	5.30	\$30,300
LOVERS CREEK RAVINE TOLLEDALE	7.38	7.38	7.38	7.38	7.38	7.38	7.38	7.38	7.38	7.38	\$30,300
LOYALIST WOODS	9.14	9.14	9.14	9.14	9.14	9.14	9.14	9.14	9.14	9.14	\$30,300
MOLSON CENTRE WOODS	10.88	10.88	10.88	10.88	10.88	10.88	10.88	10.88	10.88	10.88	\$30,300



**City of Barrie
Service Standard Calculation Sheet**

Service: Outdoor Recreation and Park Development
Unit Measure: Hectares of Parkland

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Value (\$/Hectare)
RENNY DEBOER'S WOODS	6.30	6.30	6.30	6.30	6.30	6.30	6.30	6.30	6.30	6.30	\$30,300
SANDY HOLLOW BUFFER	100.64	100.64	100.64	100.64	100.64	100.64	100.64	100.64	100.64	100.64	\$30,300
SANDY HOLLOW RAVINE	26.32	26.32	26.32	26.32	26.32	26.32	26.32	26.32	26.32	26.32	\$30,300
SAUNDERS ACCESS	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	\$30,300
STRABANE CORRIDOR NORTH	7.30	7.30	7.30	7.30	7.30	7.30	7.30	7.30	7.30	7.30	\$30,300
STRABANE CORRIDOR SOUTH	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	\$30,300
SUNNIDALE NATURAL AREA	35.76	35.76	35.76	35.76	35.76	35.76	35.76	35.76	35.76	35.76	\$30,300
WALNUT CRESCENT	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	\$30,300
WHISKEY CREEK WALK	8.30	8.30	8.30	8.30	8.30	8.30	8.30	8.30	8.30	8.30	\$30,300
Environmentally Protected Open Space and Natural Heritage System (Excluding Trails)											
ANNE ST N BUFFER	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	\$11,100
ANNE ST NATURAL AREA	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	\$11,100
AUSTEN RAVINE EAST	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	\$11,100
AUSTEN RAVINE WEST	2.18	2.18	2.18	2.18	2.18	2.18	2.18	2.18	2.18	2.18	\$11,100
BAYSHORE RIDGE BUFFER	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	\$11,100
BAYSHORE RIDGE EAST	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	\$11,100
BAYVIEW EAST NATURAL AREA	2.02	2.02	2.02	2.02	2.02	2.02	2.02	2.02	2.02	2.02	\$11,100
BAYVIEW WEST NATURAL AREA	8.58	8.58	8.58	8.58	8.58	8.58	8.58	8.58	8.58	8.58	\$11,100
BAYVIEW WOODS EAST	6.85	6.85	6.85	6.85	6.85	6.85	6.85	6.85	6.85	6.85	\$11,100
BAYVIEW WOODS WEST	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	\$11,100
BEAR CREEK CORRIDOR	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	\$11,100
BENSON NATURAL AREA	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	\$11,100
BRUNTON PARCEL	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	\$11,100
BUNKERS WEST	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	\$11,100



**City of Barrie
Service Standard Calculation Sheet**

Service: Outdoor Recreation and Park Development
Unit Measure: Hectares of Parkland

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Value (\$/Hectare)
CAMELOT WOODS	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	\$11,100
CLOUGHLEY WOODS	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	\$11,100
CUMBERLAND NATURAL AREA	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	\$11,100
DOCK ROAD BUFFER EAST	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	\$11,100
DOCK ROAD BUFFER WEST	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	\$11,100
DOCK ROAD PARK SOUTH	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	\$11,100
DYMENTS CREEK EAST INNISFIL ST	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01	\$11,100
DYMENTS CREEK EAST JOHN ST	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	\$11,100
DYMENTS CREEK SOUTH	8.44	8.44	8.44	8.44	8.44	8.44	8.44	8.44	8.44	8.44	\$11,100
DYMENTS CREEK WEST ANNE	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	\$11,100
DYMENTS CREEK WEST GEORGE	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	\$11,100
DYMENTS CREEK WEST VICTORIA	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56	\$11,100
ECCLES NATURAL AREA	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	\$11,100
EDGEHILL OPEN SPACE	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	\$11,100
ELLIS NATURAL AREA	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57	\$11,100
ESSA (FUTURE DEVELOPMENT)	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	\$11,100
ESSA OPEN SPACE	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57	\$11,100
GARIBALDI LOOKOUT	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	\$11,100
GEORGIAN FIELDS 2	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	\$11,100
GEORGIAN WETLANDS	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	\$11,100
GRANDFOREST OPEN SPACE	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	\$11,100
GROVE ST NATURAL AREA	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	\$11,100
HANMER NATURAL AREA	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	\$11,100
HARVIE ROAD GREENBELT	3.74	3.74	3.74	3.74	3.74	3.74	3.74	3.74	3.74	3.74	\$11,100
HOGAN'S WOODS	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	\$11,100
HOLLYWOODS RAVINE EAST	4.80	4.80	4.80	4.80	4.80	4.80	4.80	4.80	4.80	4.80	\$11,100



**City of Barrie
Service Standard Calculation Sheet**

Service: Outdoor Recreation and Park Development
Unit Measure: Hectares of Parkland

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Value (\$/Hectare)
HOLLYWOODS RAVINE SOUTH	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	\$11,100
HOLLYWOODS RAVINE WEST	8.49	8.49	8.49	8.49	8.49	8.49	8.49	8.49	8.49	8.49	\$11,100
HURONIA INDUSTRIAL BUFFER SOUTH	0.78	0.78	0.78	0.78	0.78	0.78	0.78	0.78	0.78	0.78	\$11,100
HURONIA NATURAL AREA	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	\$11,100
INNISFIL ST OPEN SPACE	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	\$11,100
KOZLOV OPEN SPACE	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	\$11,100
LACKIES BUSH EAST	3.42	3.42	3.42	3.42	3.42	3.42	3.42	3.42	3.42	3.42	\$11,100
LACKIES BUSH WEST	20.46	20.46	20.46	20.46	20.46	20.46	20.46	20.46	20.46	20.46	\$11,100
LITTLE LAKE PARK EAST	53.33	53.33	53.33	53.33	53.33	53.33	53.33	53.33	53.33	53.33	\$11,100
LITTLE LAKE PARK NORTH	81.26	81.26	81.26	81.26	81.26	81.26	81.26	81.26	81.26	81.26	\$11,100
LITTLE LAKE PARK NORTH WEST	119.74	119.74	119.74	119.74	119.74	119.74	119.74	119.74	119.74	119.74	\$11,100
LITTLE LAKE PARK SOUTH	17.91	17.91	17.91	17.91	17.91	17.91	17.91	17.91	17.91	17.91	\$11,100
LITTLE LAKE PARK SOUTH WEST	31.02	31.02	31.02	31.02	31.02	31.02	31.02	31.02	31.02	31.02	\$11,100
LOVERS CREEK COUNTRY LANE	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	\$11,100
LOVERS CREEK RAVINE	2.98	2.98	2.98	2.98	2.98	2.98	2.98	2.98	2.98	2.98	\$11,100
LOVERS CREEK RAVINE CHALMERS	32.16	32.16	32.16	32.16	32.16	32.16	32.16	32.16	32.16	32.16	\$11,100
LOVERS CREEK RAVINE HURONIA	3.68	3.68	3.68	3.68	3.68	3.68	3.68	3.68	3.68	3.68	\$11,100
LOVERS CREEK RAVINE HURONIA	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	\$11,100
LOVERS CREEK RAVINE SOUTH	15.29	15.29	15.29	15.29	15.29	15.29	15.29	15.29	15.29	15.29	\$11,100
LOVERS CREEK RAVINE YONGE	7.98	7.98	7.98	7.98	7.98	7.98	7.98	7.98	7.98	7.98	\$11,100
MAYFAIR OPEN SPACE	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	\$11,100



**City of Barrie
Service Standard Calculation Sheet**

Service: Outdoor Recreation and Park Development
Unit Measure: Hectares of Parkland

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Value (\$/Hectare)
MELINDA WOODS	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	\$11,100
MINETS POINT RD NATURAL AREA	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	\$11,100
NORTHLAND PARK NATURAL AREA	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	\$11,100
NORTHVIEW TCP NORTH	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	\$11,100
OSPREY RIDGE EAST	4.41	4.41	4.41	4.41	4.41	4.41	4.41	4.41	4.41	4.41	\$11,100
OSPREY RIDGE WEST	2.48	2.48	2.48	2.48	2.48	2.48	2.48	2.48	2.48	2.48	\$11,100
PARKDALE NATURAL AREA	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	\$11,100
PATTERSON PLACE NATURAL AREA	5.14	5.14	5.14	5.14	5.14	5.14	5.14	5.14	5.14	5.14	\$11,100
REDFERN NATURAL AREA	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	\$11,100
RIVERWOOD RAVINE	3.67	3.67	3.67	3.67	3.67	3.67	3.67	3.67	3.67	3.67	\$11,100
ROTARY FISH HABITAT ISLAND EAST	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	\$11,100
ROTARY FISH HABITAT ISLAND WEST	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	\$11,100
ROYAL OAK FACILITY	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	\$11,100
SHALOM NATURAL AREA	17.98	17.98	17.98	17.98	17.98	17.98	17.98	17.98	17.98	17.98	\$11,100
SOPHIA CREEK 1	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	\$11,100
SOPHIA CREEK 2	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	\$11,100
SOPHIA CREEK 3	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	\$11,100
SOPHIA CREEK 4	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	\$11,100
SUNDEW CORRIDOR	9.29	9.29	9.29	9.29	9.29	9.29	9.29	9.29	9.29	9.29	\$11,100



**City of Barrie
Service Standard Calculation Sheet**

Service: Outdoor Recreation and Park Development
Unit Measure: Hectares of Parkland

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Value (\$/Hectare)
SUNNIDALE BUFFER	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	\$11,100
THE GABLES WEST	3.11	3.11	3.11	3.11	3.11	3.11	3.11	3.11	3.11	3.11	\$11,100
VINE CRESCENT NATURAL AREA	3.39	3.39	3.39	3.39	3.39	3.39	3.39	3.39	3.39	3.39	\$11,100
WELHAM EAST NATURAL AREA	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	\$11,100
WELHAM OPEN SPACE	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66	\$11,100
WILKINS BEACH NATURAL AREA	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	\$11,100
WOODCREST RAVINE	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	\$11,100
Total	1,249.58	1,255.22	1,255.22	1,256.03	1,270.79	1,270.67	1,270.79	1,330.67	1,331.14	1,331.14	

Population	134,605	134,846	135,711	136,756	137,872	139,057	140,864	141,435	142,061	144,586
Per Capita Standard	0.0093	0.0093	0.0092	0.0092	0.0092	0.0091	0.0090	0.0094	0.0094	0.0092

10 Year Average	2011-2020
Quantity Standard	0.0092
Quality Standard	\$100,111
Service Standard	\$921

D.C. Amount (before deductions)	10 Year
Forecast Population	47,778
\$ per Capita	\$921
Eligible Amount	\$44,004,494



City of Barrie
Service Standard Calculation Sheet

Service: Parks & 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)
Light Duty Vehicles	18	18	18	18	18	18	18	18	18	17	\$38,890
Forestry Truck	1	1	1	1	1	1	1	1	1	1	\$317,000
Truck with Crane	1	1	1	1	1	1	1	1	1	1	\$208,000
Maintenance Truck c/w Crane	1	1	1	1	1	1	1	1	1	1	\$91,000
Park Maintenance Vehicle	1	1	1	1	1	1	1	1	1	1	\$130,000
Water Truck	2	2	2	2	2	2	2	2	2	2	\$76,000
Tractor	5	5	5	5	5	5	5	5	5	5	\$73,000
Larger Mower (15' cut)	3	3	3	3	3	3	3	3	3	3	\$141,000
Mowers, Bobcats, etc.	15	15	15	15	15	15	15	15	15	15	\$45,000
One Ton Dump Truck	4	4	4	4	4	4	4	4	4	4	\$54,000
All Terrain Vehicle	1	1	1	1	1	1	1	1	1	1	\$18,000
Snowmobile	1	1	1	1	1	1	1	1	1	1	\$13,000
Wood Chipper	2	2	2	2	2	2	2	2	2	2	\$55,000
Electric Fork Lift	1	1	1	1	1	1	1	1	1	1	\$45,000
Forestry Truck (mid size)	1	1	1	1	1	1	1	1	1	1	\$114,000
Large Cub Van	2	2	2	2	2	2	2	2	2	2	\$62,000
Mower 12'	1	1	1	1	1	1	1	1	1	1	\$65,000
Skid steer	1	1	1	1	1	1	1	1	1	1	\$117,000
Utility vehicle (Gator style)	5	5	5	5	5	5	5	5	5	5	\$23,000
Stumper	1	1	1	1	1	1	1	1	1	1	\$29,000
Vacuum/ Compactors	2	2	2	2	2	2	2	2	2	2	\$173,000
Groomers (ball diamond)	3	3	3	3	3	3	3	3	3	3	\$25,000
Light Duty Trucks	4	4	4	4	4	4	4	4	4	4	\$45,000
4 x 4/ Plow	1	1	1	1	1	1	1	1	1	1	\$57,000
Cube Van	1	1	1	1	1	1	1	1	1	1	\$62,000
Fork Lift	1	1	1	1	1	1	1	1	1	1	\$46,000



**City of Barrie
Service Standard Calculation Sheet**

Service: Parks & 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)
Ice Resurfacers	11	11	11	11	11	11	11	11	11	11	\$104,000
Marina Boat	1	1	1	1	1	1	1	1	1	1	\$23,000
Rentals	11	11	11	11	11	11	11	11	11	11	\$47,000
Beach groomer	1	1	1	1	1	1	1	1	1	1	\$29,000
Radio Towers (Shared with other services)	0.34	0.34	0.34	0.41	0.41	0.41	0.41	0.41	0.41	0.41	\$561,000
GVD Overseeder 1275									1.00	1.00	\$21,500
GLE Broadcast Spreader									1.00	1.00	\$7,620
Kubota Mulcher									1.00	1.00	\$13,839
Total	103	106	105								

Population	134,605	134,846	135,711	136,756	137,872	139,057	140,864	141,435	142,061	144,586
Per Capita Standard	0.0008	0.0008	0.0008	0.0008	0.0008	0.0007	0.0007	0.0007	0.0007	0.0007

10 Year Average	2011-2020
Quantity Standard	0.0008
Quality Standard	\$60,550
Service Standard	\$48

D.C. Amount (before deductions)	10 Year
Forecast Population	47,778
\$ per Capita	\$48
Eligible Amount	\$2,314,366



**City of Barrie
Service Standard Calculation Sheet**

Service: Recreation Facilities
Unit Measure: sq.m. of building area

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Bld'g Value (\$/sq.m.)	Value/m ² with land, site works, etc.
Allandale-Phase 1 & 2	12,063	12,063	12,063	12,063	12,063	12,063	12,063	12,063	12,063	12,063	\$3,366	\$4,103
Barrie Molson Centre (Sadlon Ctr)	10,256	10,256	10,256	10,256	10,256	10,256	10,256	10,256	10,256	10,256	\$3,366	\$4,103
Parkview Community Centre-Original and Addition	1,505	1,505	1,505	1,505	1,505	1,505	1,505	1,505	1,505	1,505	\$4,073	\$4,743
Southshore Community Centre	1,815	1,815	1,815	1,815	1,815	1,815	1,815	1,815	1,815	1,815	\$4,073	\$4,743
Eastview Arena	2,791	2,791	2,791	2,791	2,791	2,791	2,791	2,791	2,791	2,791	\$2,229	\$2,613
Lampman Lane Community Centre	1,198	1,198	1,198	1,198	1,198	1,198	1,198	1,198	1,198	1,198	\$4,073	\$4,743
Dorian Parker Community Centre	729	729	729	729	729	729	729	729	729	729	\$4,073	\$4,743
East Bayfield Community Centre	14,152	14,152	14,152	14,152	14,152	14,152	14,152	14,152	14,152	14,152	\$3,366	\$4,103
Holly Community Centre	14,292	14,292	14,292	14,292	14,292	14,292	14,292	14,292	14,292	14,292	\$3,366	\$4,103
70 Collier St. (Parks & Rec. Share = 6.74%)	595	595	595	595	595	595	595	595	595	595	\$3,843	\$4,478
Circle at the Centre	98	98	98	98	98	98	98	98	98	98	\$1,795	\$2,112
Victoria Village	105	105	105	105	105	-	-	-	-	-	\$517	\$636
Sports dome (Building only)	235	235	235	235	235	235	235	235	235	235	\$4,330	\$5,040
Queens Park Tennis Court building	82	82	82	82	82	82	82	82	82	82	\$4,330	\$4,774
Queens Park Concession/Storage	45	45	45	45	45	45	45	45	45	45	\$4,330	\$4,774
Centennial Concession	108	108	108	108	108	108	108	108	108	108	\$4,330	\$4,774
Heritage Park Washrooms	269	269	269	269	269	269	269	269	269	269	\$4,330	\$4,774
Tyndale Park Washrooms	196	196	196	196	196	196	196	196	196	196	\$4,330	\$4,774
St. Vincent Park Washrooms	28	28	28	28	28	28	28	73	73	73	\$4,330	\$4,774
MacMorrison Park Washrooms	54	54	54	54	54	54	54	54	54	54	\$4,330	\$4,774
Johnson Beach Washrooms	132	132	132	132	132	132	132	132	132	132	\$4,330	\$4,774
Minets Point Washrooms	141	141	141	141	141	141	141	141	141	141	\$4,330	\$4,774
Queens Park Washrooms	93	93	93	93	93	93	93	93	93	93	\$4,330	\$4,774
Shear Park Washrooms	41	41	41	41	41	41	41	41	41	41	\$4,330	\$4,774
Centennial Park Washrooms	324	324	324	324	324	324	324	324	324	324	\$4,330	\$4,774
Barrie Community Sports Park - Pump House	28	28	28	28	28	28	28	28	28	28	\$3,887	\$4,285
Barrie Community Sports Park - Electrical Vaults	31	31	31	31	31	31	31	31	31	31	\$1,372	\$1,513
Barrie Community Sports Park - Drive Shed	-	-	-	-	223	223	223	223	223	223	\$527	\$581
Barrie Community Sports Park - Concession storage portable	81	81	81	81	81	81	81	81	81	81	\$3,887	\$4,285
Barrie Community Sports Park - Admin. Building	-	-	-	111	111	111	111	111	111	111	\$3,887	\$4,285
Lion's Pavillion	-	-	-	-	-	-	-	76	76	76	\$2,339	\$2,579



**City of Barrie
Service Standard Calculation Sheet**

Service: Recreation Facilities
Unit Measure: sq.m. of building area

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Bld'g Value (\$/sq.m.)	Value/m ² with land, site works, etc.
Barrie Community Sports Park - Stadium	254	254	254	254	254	254	254	254	254	254	\$3,887	\$4,285
Barrie Community Sports Park - Containers	219	219	219	219	219	219	219	219	219	219	\$231	\$255
Barrie Community Sports Park - Pavillion, including washrooms	321	321	321	321	321	321	321	321	321	321	\$3,498	\$3,857
Barrie Community Sports Park - Fields building (changerooms)	151	151	151	151	151	151	151	151	151	151	\$3,498	\$3,857
Centennial Beach (Pavillion Structure)									118	118		
Total	62,432	62,432	62,432	62,544	62,766	62,661	62,661	62,782	62,900	62,900		

Population	134,605	134,846	135,711	136,756	137,872	139,057	140,864	141,435	142,061	144,586
Per Capita Standard	0.4638	0.4630	0.4600	0.4573	0.4553	0.4506	0.4448	0.4439	0.4428	0.4350

10 Year Average	2011-2020
Quantity Standard	0.4517
Quality Standard	\$4,082
Service Standard	\$1,844

D.C. Amount (before deductions)	10 Year
Forecast Population	47,778
\$ per Capita	\$1,844
Eligible Amount	\$88,103,588



**City of Barrie
Service Standard Calculation Sheet**

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

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Bld'g Value (\$/sq.m.)	Value/m ² with land, site works, etc.
Barrie Public Library - Downtown Branch	3,828	3,828	3,828	3,828	3,828	3,828	3,828	3,828	3,828	3,828	\$4,659	\$5,742
Painswick	-	1,394	1,394	1,394	1,394	1,394	1,394	1,394	1,394	1,394	\$4,659	\$5,742
Total	3,828	5,221										

Population	134,605	134,846	135,711	136,756	137,872	139,057	140,864	141,435	142,061	144,586
Per Capita Standard	0.0284	0.0387	0.0385	0.0382	0.0379	0.0375	0.0371	0.0369	0.0368	0.0361

10 Year Average	2011-2020
Quantity Standard	0.0366
Quality Standard	\$5,743
Service Standard	\$210

D.C. Amount (before deductions)	10 Year
Forecast Population	47,778
\$ per Capita	\$210
Eligible Amount	\$10,042,936



**City of Barrie
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	145,205	128,981	134,846	133,247	110,298	110,824	109,730	109,080	97,205	85,387	\$39
Books - Children	114,871	109,492	114,470	113,113	110,676	104,045	94,725	90,167	78,731	66,730	\$16
Books - Teen	7,154	6,819	7,130	7,045	7,943	8,193	7,894	7,925	7,815	7,462	\$32
Audiobooks - Inc Daisy, Book & CD Kits	8,200	8,655	9,048	8,941	9,265	9,074	8,637	8,186	7,736	6,540	\$46
Music CDs	5,628	6,189	6,471	6,394	6,352	4,160	3,889	3,785	3,470	2,696	\$18
DVDs/Blu-Rays	26,782	28,972	30,289	29,930	34,563	36,123	33,499	34,450	30,831	27,305	\$34
Microforms	542	586	612	605	461	468	478	481	486	484	\$6
Video Games	80	87	91	90	176	212	277	320	1,335	1,200	\$71
Periodicals & Newspapers	1,989	2,192	2,291	2,264	2,687	2,386	2,375	2,610	2,740	2,499	\$7
Other Miscellaneous Equipment	195	213	223	220	1,213	1,086	1,113	1,189	96	93	\$90
eResources											
eBooks (OverDrive + Hoopla)	23,562	25,301	26,452	26,138	40,197	49,718	57,354	63,132	70,941	79,596	\$18
eAudiobooks (OverDrive + Hoopla)	7,513	8,176	8,547	8,446	28,508	37,951	40,550	42,390	49,490	57,631	\$40
eMagazines (Zinio + PressReader)	4	4	4	4	28,047	30,022	41,471	44,369	53,176	63,514	\$1
eVideo (Hoopla)	303	314	328	324	6,508	9,345	10,330	9,513	11,319	13,424	\$4
eMusic (Hoopla)	165	182	190	188	2,395	4,406	5,833	7,007	8,924	11,300	\$1
eCourses (Lynda + Universal Class)	28	30	31	31	42	560	6,382	8,048	10,812	14,408	\$2
Other eResources (Periodical Databases, Tumblebooks, Mango, etc)	38	41	42	42	45	47	49	37	41	41	\$3,857
Total	342,259	326,233	341,066	337,022	389,376	408,620	424,586	432,689	435,149	440,310	

Population	134,605	134,846	135,711	136,756	137,872	139,057	140,864	141,435	142,061	144,586
Per Capita Standard	2.54	2.42	2.51	2.46	2.82	2.94	3.01	3.06	3.06	3.05

10 Year Average	2011-2020
Quantity Standard	2.7884
Quality Standard	\$26
Service Standard	\$74

D.C. Amount (before deductions)	10 Year
Forecast Population	47,778
\$ per Capita	\$74
Eligible Amount	\$3,522,194



**City of Barrie
Service Standard Calculation Sheet**

Service: Paramedics Facilities
Unit Measure: sq.m. of building area

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Bld'g Value (\$/sq.m.)	Value/m ² with land, site works, etc.
Angus Ambulance Station	418	418	418	418	418	418	418	418	418	418	\$5,569	\$6,034
Alliston Ambulance Station	290	290	290	290	290	619	619	619	619	619	\$5,569	\$6,017
Barrie Tiffin Ambulance Station	547	547	547	547	547	547	547	547	547	547	\$5,569	\$6,128
Barrie North Ambulance Station	487	487	487	487	487	487	487	487	487	487	\$5,569	\$6,034
Barrie Logistics	-	-	-	-	-	-	-	344	344	344	\$5,569	\$6,179
Barrie Emergency Campus	-	-	-	-	-	-	-	-	-	5,549	\$3,898	\$4,125
Bradford Ambulance Station	290	290	290	290	290	290	290	290	290	290	\$5,569	\$6,224
Brechin Post	-	-	-	-	-	-	9	9	9	9	\$5,569	\$6,179
Coldwater Ambulance Station	117	117	117	117	117	117	117	117	117	117	\$5,569	\$7,398
Collingwood Ambulance Station	281	281	281	281	281	281	281	560	560	560	\$5,569	\$5,974
Craighurst Ambulance Station	241	241	241	241	241	241	241	241	241	241	\$5,569	\$7,408
Elmvale Ambulance Station	56	56	56	56	56	56	56	56	56	56	\$5,569	\$6,572
Everett Post	-	-	-	-	-	-	9	9	9	9	\$5,569	\$6,179
Innisfil Post	-	-	-	-	-	-	73	73	73	73	\$5,569	\$6,179
Midland Ambulance Station	494	494	494	494	494	494	494	494	494	494	\$5,569	\$6,160
Orillia Ambulance Station	689	689	689	689	689	689	689	898	898	898	\$5,569	\$5,995
Oro-Medonte	-	-	-	-	-	-	-	14	14	14	\$5,569	\$6,179
Stayner Station	-	504	504	504	504	504	504	504	504	504	\$5,569	\$6,156
Stroud Ambulance Station	252	252	252	252	252	252	252	252	252	252	\$5,569	\$6,357
New Tecumseth (Tottenham)	41	41	41	41	41	41	41	41	41	41	\$5,569	\$7,966
Wasaga Beach Ambulance Station	202	202	202	202	202	202	202	202	202	202	\$5,569	\$6,129
Washago Ambulance Station	241	241	241	241	241	241	241	241	241	241	\$5,569	\$6,322
Administration Centre	368	368	368	368	368	368	368	368	368	368	\$3,626	\$3,982
Beeton Station	-	-	-	-	-	-	354	354	354	354	\$5,569	\$6,179
Total	5,016	5,520	5,520	5,520	5,520	6,294	6,294	7,139	7,139	12,688		
City Share*	26.53%	26.72%	26.49%	26.47%	26.23%	25.99%	25.62%	25.64%	25.64%	25.64%		
Total - City of Barrie's Share	1,331	1,475	1,462	1,461	1,448	1,636	1,613	1,831	1,831	3,253		

Population	134,605	134,846	135,711	136,756	137,872	139,057	140,864	141,435	142,061	144,586
Per Capita Standard	0.0099	0.0109	0.0108	0.0107	0.0105	0.0118	0.0114	0.0129	0.0129	0.0225

10 Year Average	2011-2020
Quantity Standard	0.0124
Quality Standard	\$5,933
Service Standard	\$74

D.C. Amount (before deductions)	10 Year
Forecast Population	47,778
\$ per Capita	\$74
Eligible Amount	\$3,515,027

*Service shared with the County of Simcoe and Orillia based on Weighted Assessment for each



**City of Barrie
Service Standard Calculation Sheet**

Service: Paramedics Vehicles
Unit Measure: No. of vehicles and equipment

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Value (\$/Vehicle)
Ambulances	39	39	39	41	42	42	42	43	43	43	\$222,800
Director/Chief Vehicle	1	1	1	1	1	1	1	1	1	1	\$38,500
Emergency Response Vehicles (E.R.V.s)	8	8	8	9	11	13	14	16	16	16	\$117,800
Emergency Support Unit (E.S.U.)	2	2	2	2	2	2	2	2	2	2	\$44,000
Mobile Command Centre	1	1	1	1	1	1	1	1	1	1	\$176,100
Public Access Defibrillation (P.A.D.) Vehicle)	1	1	1	1	1	1	1	1	1	1	\$28,600
A.T.V.	1	1	1	1	1	1	1	2	2	2	\$33,000
A.T.V. Trailer	1	1	1	1	1	1	1	3	3	3	\$4,400
Gator	1	1	1	1	1	1	1	-	-	-	\$66,000
Golf Cart	1	1	1	1	1	1	1	-	-	-	\$5,500
Paramedicine S.U.V.	-	-	-	-	-	-	1	1	1	1	\$33,000
Public Relations Vehicle	-	-	-	-	-	-	1	1	1	1	\$222,800
Total	56	56	56	59	62	64	67	71	71	71	
City Share*	26.53%	26.72%	26.49%	26.47%	26.23%	25.99%	25.62%	25.64%	25.64%	25.64%	
Total - City of Barrie's Share	15	15	15	16	16	17	17	18	18	18	

Population	134,605	134,846	135,711	136,756	137,872	139,057	140,864	141,435	142,061	144,586
Per Capita Standard	0.00011	0.00011	0.00011	0.00011	0.00012	0.00012	0.00012	0.00013	0.00013	0.00013

10 Year Average	2011-2020
Quantity Standard	0.00012
Quality Standard	\$174,167
Service Standard	\$21

D.C. Amount (before deductions)	10 Year
Forecast Population	47,778
\$ per Capita	\$21
Eligible Amount	\$998,560

*Service shared with the County of Simcoe and Orillia based on Weighted Assessment for each



**City of Barrie
Service Standard Calculation Sheet**

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

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Bld'g Value (\$/sq.m.)	Value/m ² with land, site works, etc.
Georgian Manor - Penetanguishene	6,390	6,390	12,265	12,265	12,265	12,265	12,265	12,265	12,265	12,265	\$4,218	\$4,711
Georgian Manor - Penetanguishene (Common Areas)	-	-	452	452	452	452	452	452	452	452	\$4,218	\$4,711
Georgian Manor Excess Capacity	-	-	(1,492)	(1,492)	(1,492)	(1,492)	(1,492)	(1,492)	(1,492)	(1,492)	\$4,218	\$4,542
Simcoe Manor - Beeton - Long Term Care	11,311	11,311	11,311	11,311	11,311	11,311	11,311	11,311	11,311	11,311	\$4,218	\$4,687
Sunset Manor - Collingwood - Long Term Care	12,753	12,753	12,753	12,753	12,753	12,753	12,753	12,753	12,753	12,753	\$4,218	\$4,615
Trillium Manor - Orillia	9,402	9,402	9,402	9,402	9,402	9,402	9,402	9,402	9,402	9,402	\$4,218	\$4,741
Total	39,856	39,856	44,690									
City of Barrie's Share	10.60%	10.60%	10.60%	10.60%	10.60%	10.60%	10.60%	10.60%	10.60%	10.60%		
Total City Share	4,225	4,225	4,737									

Population	134,605	134,846	135,711	136,756	137,872	139,057	140,864	141,435	142,061	144,586
Per Capita Standard	0.0314	0.0313	0.0349	0.0346	0.0344	0.0341	0.0336	0.0335	0.0333	0.0328

10 Year Average	2011-2020
Quantity Standard	0.0334
Quality Standard	\$4,687
Service Standard	\$157

D.C. Amount (before deductions)	10 Year
Forecast Population	47,778
\$ per Capita	\$157
Eligible Amount	\$7,478,690



**City of Barrie
Service Standard Calculation Sheet**

Service: Long Term Care Vehicles and Equipment
Unit Measure: No. of vehicles and equipment

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Value (\$/Vehicle)
12 x passenger bus	4	4	4	4	4	4	4	4	4	4	\$99,000
Passenger Van	3	3	2	2	2	2	2	2	2	2	\$46,000
Pick-up Truck	-	-	-	1	2	2	2	2	2	2	\$28,000
Plow Truck	-	-	-	-	1	1	1	1	1	1	\$215,000
Trailers	-	-	-	-	1	1	1	1	1	1	\$3,000
Golf Cart	-	-	2	2	2	2	2	2	2	2	\$3,000
Total	7	7	8	9	12	12	12	12	12	12	
City of Barrie's Share	10.60%	10.60%	10.60%	10.60%	10.60%	10.60%	10.60%	10.60%	10.60%	10.60%	
Total	0.74	0.74	0.85	0.95	1.27	1.27	1.27	1.27	1.27	1.27	

Population	134,605	134,846	135,711	136,756	137,872	139,057	140,864	141,435	142,061	144,586
Per Capita Standard	0.000006	0.000006	0.000006	0.000007	0.000009	0.000009	0.000009	0.000009	0.000009	0.000009

10 Year Average	2011-2020
Quantity Standard	0.000008
Quality Standard	\$63,750
Service Standard	\$0.51

D.C. Amount (before deductions)	10 Year
Forecast Population	47,778
\$ per Capita	\$0.51
Eligible Amount	\$24,367



City of Barrie
Service Standard Calculation Sheet

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

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Bld'g Value (\$/sq.m.)	Value/m ² with land, site works, etc.
Detached												
Barrie	2,067	2,067	2,067	2,067	2,067	2,067	2,067	2,067	2,067	1,865	\$3,151	\$4,202
Midland	7,341	7,341	7,341	7,341	7,341	7,341	7,341	7,341	7,341	7,341	\$3,033	\$3,716
Penetanguishene	483	862	862	862	862	862	862	862	862	862	\$3,033	\$3,901
Semi-Detached												
Barrie	4,201	4,201	4,201	4,201	4,201	4,201	4,201	4,201	4,099	4,099	\$3,033	\$3,450
Collingwood	1,747	1,747	1,747	1,747	1,747	1,747	1,747	1,747	1,512	1,512	\$3,033	\$3,761
Midland	3,499	3,499	3,499	3,499	3,499	3,499	3,499	3,499	3,499	3,499	\$3,033	\$3,523
Orillia	1,039	1,131	1,131	1,131	1,131	1,131	1,131	1,131	1,131	1,131	\$3,033	\$3,111
Penetanguishene	3,554	3,554	3,554	3,554	3,554	3,554	3,554	3,554	3,554	3,554	\$3,033	\$3,476
Townhouse												
Barrie	4,151	4,151	4,151	4,151	4,151	4,151	4,151	4,151	4,151	4,151	\$3,033	\$3,421
Collingwood	3,194	3,194	3,194	3,194	3,194	3,194	3,194	3,194	378	378	\$3,033	\$5,943
Midland	771	771	771	771	771	771	771	771	771	771	\$3,033	\$3,304
Orillia	3,639	3,639	3,639	3,639	3,639	3,639	3,639	3,639	3,639	3,639	\$3,033	\$3,266
Multi Storey												
Barrie	12,665	12,665	12,665	12,665	12,665	12,665	16,714	16,714	16,762	16,762	\$3,513	\$4,078
Bradford/Gwillimbury	5,705	5,705	5,705	5,705	5,705	5,705	5,705	5,705	5,705	5,705	\$3,513	\$4,193
Clearview	978	978	978	978	978	978	978	978	978	978	\$3,513	\$4,368
Collingwood	6,350	10,438	10,438	10,438	10,438	10,438	10,438	10,438	25,493	25,493	\$3,513	\$3,779
Innisfil	2,623	2,623	2,623	2,623	2,623	2,623	2,623	2,623	2,623	2,623	\$3,513	\$5,574
Midland	8,049	8,049	8,049	8,049	8,049	8,049	8,049	8,049	8,049	8,049	\$3,513	\$4,282



**City of Barrie
Service Standard Calculation Sheet**

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

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Bld'g Value (\$/sq.m.)	Value/m ² with land, site works, etc.
New Tecumseth	4,597	4,597	4,597	4,597	4,597	4,597	4,597	4,597	4,597	4,597	\$3,513	\$4,186
Orillia	5,660	5,660	5,660	5,660	5,660	5,660	5,660	5,660	5,660	5,660	\$3,513	\$4,296
Penetanguishene	4,869	4,869	4,869	4,869	4,869	4,869	4,869	4,869	4,869	4,869	\$3,513	\$4,385
Springwater	2,294	2,294	2,294	2,294	2,294	2,294	2,294	2,294	2,294	2,294	\$3,513	\$4,443
Tay										3,414	\$3,513	\$4,443
Wasaga Beach	2,578	2,578	2,578	2,578	2,578	2,578	2,578	2,578	11,597	11,597	\$3,513	\$3,784
Total	92,053	96,611	96,611	96,611	96,611	96,611	100,660	100,660	121,629	124,841		
City Share*	26.53%	26.72%	26.49%	26.47%	26.23%	25.99%	25.62%	25.64%	25.64%	25.45%		
Total - City of Barrie's Share	24,423	25,817	25,591	25,572	25,340	25,112	25,793	25,811	31,191	31,768		

Population	134,605	134,846	135,711	136,756	137,872	139,057	140,864	141,435	142,061	144,586
Per Capita Standard	0.6839	0.7165	0.7119	0.7065	0.7007	0.6948	0.7146	0.7117	0.8562	0.8634

10 Year Average	2011-2020
Quantity Standard	0.7360
Quality Standard	\$1,042
Service Standard	\$767

D.C. Amount (before deductions)	10 Year
Forecast Population	47,778
\$ per Capita	\$767
Eligible Amount	\$36,642,382

*Service shared with the County of Simcoe and Orillia based on Weighted Assessment for each



City of Barrie
Service Standard Calculation Sheet

Service:
 Unit Measure:

Waste Diversion - Vehicles & Equipment
 No. of vehicles and equipment

Description	Portion Attributable to Diversion	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Value (\$/Vehicle)
Chev Van	80%	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	1.80	\$45,000
Roll off Truck	85%	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	\$91,200
Fork Lift	100%	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	\$18,500
Sander	80%	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	\$12,700
Snowblower	80%	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	\$45,000
John Deere 6x4 Gator	80%	-	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	\$114,300
930G CAT Loader	85%	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	\$23,100
Brown Bear Composter	100%	1.00	1.00	1.00	1.00	-	-	-	-	-	-	\$28,900
Stacker	100%	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	\$45,000
Riding Mower	50%	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	\$56,500
Dodge Ram	50%	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	\$62,300
John Deere 12-8009	80%	-	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	\$103,900
Dodge 1500 13-1129 (Walker-Prince)	50%	-	-	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	\$47,300
Western 4700 13-5032	85%	-	-	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	\$230,800
14-6086 Pronovost Snowblower	80%	-	-	-	0.80	0.80	0.80	0.80	0.80	0.80	0.80	\$1,200
Husq 16-9275 & 16-9276 Chainsaws	100%	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	\$900
Chev Silverado 18-1173	100%	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	\$51,900
CAT D6T 18-8012	100%	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	\$750,100
Caterpillar - 950M	50%									1.00	1.00	\$406,385
Caterpillar - 323-07	50%									1.00	1.00	\$386,747
Caterpillar - 725C2-Articulated Truck	50%									1.00	1.00	\$539,593
8" Portable Centrifugal Pump Trailer	50%									1.00	1.00	\$97,456
Enclosed trailer	50%									1.00	1.00	\$22,747
Enclosed trailer	50%									1.00	1.00	\$20,996
Roll off Hoist - Freightliner	50%									-	1.00	\$221,496
Chev 1500 20-1180	50%									-	1.00	\$29,982
Chev 1500 20-1182	50%									-	1.00	\$32,608
Ford 250 20-1220	50%									-	1.00	\$42,085



City of Barrie
Service Standard Calculation Sheet

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

Description	Portion Attributable to Diversion	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Value (\$/Vehicle)
Mitsubishi RVR 20-1228	50%									-	1.00	\$26,383
Rental Heavy Equipment												
Rental Roll Off Truck	85%	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	\$91,200
Collection Rental/Leased Vehicles												
Garbage and Organics Trucks	30%	2.10	2.10	2.10	2.10	2.40	2.40	2.40	2.40	2.40	2.40	\$314,000
Recycling Trucks	100%	7.00	7.00	7.00	7.00	9.00	9.00	9.00	9.00	9.00	9.00	\$295,000
Yard Waste Trucks	100%	2.00	2.00	2.00	2.00	4.00	4.00	4.00	4.00	4.00	4.00	\$266,000
Multi-Res Recycling Trucks	100%	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	\$314,000
Multi-Res Organics Trucks	100%	-	-	-	-	-	1.00	1.00	1.00	1.00	1.00	\$314,000
Supervisor Trucks	80%	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	\$35,700
Total		26	27	29	30	33	34	34	34	40	46	

Population	134,605	134,846	135,711	136,756	137,872	139,057	140,864	141,435	142,061	144,586
Per Capita Standard	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0003	0.0003

10 Year Average	2011-2020
Quantity Standard	0.0002
Quality Standard	\$227,900
Service Standard	\$46

D.C. Amount (before deductions)	10 Year
Forecast Population	47,778
\$ per Capita	\$46
Eligible Amount	\$2,177,721



**City of Barrie
Service Standard Calculation Sheet**

Service: Waste Diversion - Other
Unit Measure: No. of items

Description	Percentage Attributable to Diversion	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Value (\$/item)
Curbside Green Bin	100%	33,295	33,239	33,339	33,519	33,695	33,750	33,978	34,078	34,078	34,078	\$13
Small Green Bin	100%	33,296	33,240	33,340	33,520	33,696	33,751	33,979	34,079	34,079	34,079	\$2
Blue Recycling Bin	100%	33,297	33,241	33,341	33,521	33,697	33,752	33,980	34,080	34,080	34,080	\$5
Grey Recycling Bin	100%	33,298	33,242	33,342	33,522	33,698	33,753	33,981	34,081	34,081	34,081	\$4
In-Unit recycling bin - MR	100%	8,578	9,009	9,043	9,167	9,591	9,705	9,723	10,936	10,936	10,936	\$3
In-Unit green bin - MR	100%	-	-	-	-	-	1,573	5,052	8,502	8,502	8,502	\$2
Grey Recycling Cart - MR	100%	536	546	556	566	576	586	596	606	606	606	\$65
Blue Recycling Cart - MR	100%	541	551	561	571	581	591	601	611	611	611	\$65
Organics Carts - MR	100%	-	-	-	-	-	78	244	368	368	368	\$61
Special Events carts	100%	100	100	100	100	100	100	100	100	100	100	\$70
Recycling carts on the pad	100%	30	30	30	30	30	30	30	30	30	30	\$70
Organics carts on the pad	100%	-	-	-	-	5	5	5	5	5	5	\$61
Diversion related roll offs on the pad	100%	2	2	3	6	6	6	7	9	9	9	\$8,200
Total		142,973	143,200	143,655	144,522	145,675	147,680	152,276	157,485	157,485	157,485	

Population	134,605	134,846	135,711	136,756	137,872	139,057	140,864	141,435	142,061	144,586
Per Capita Standard	1.06	1.06	1.06	1.06	1.06	1.06	1.08	1.11	1.11	1.09

10 Year Average	2011-2020
Quantity Standard	1.0750
Quality Standard	\$7
Service Standard	\$7

D.C. Amount (before deductions)	10 Year
Forecast Population	47,778
\$ per Capita	\$7
Eligible Amount	\$339,224



City of Barrie
Service Standard Calculation Sheet

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

Description	Percentage Attributable to Diversion	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019 Bld'g Value (\$/sq.m.)	Value/m ² with land, site works, etc.
Barrie Environmental Centre - 272 Ferndale Drive South:													
Administration Centre	75%	915	915	915	915	915	915	915	915	915	915	\$3,907	\$4,347
Environmental Education Centre	100%	101	101	101	101	101	101	101	101	101	101	\$3,821	\$4,252
Scale House	83%	33	33	33	33	33	33	33	33	33	33	\$3,907	\$4,347
Office Trailer (adjacent to admin centre)	75%	-	-	-	-	-	-	33	33	33	33	\$1,830	\$2,056
Waste Segregation Kiosk	100%	17	17	17	17	17	17	17	17	17	17	\$2,153	\$2,412
Waste Segregation Area	83%	3,003	3,003	3,003	3,003	3,003	3,003	3,003	3,003	3,003	3,003	\$3,100	\$3,457
Municipal Household Hazardous Waste Depot & Commodities Building	100%	338	338	338	338	338	338	338	338	338	338	\$3,940	\$4,382
Dome Building 1	100%	-	-	-	877	877	877	877	877	877	877	\$84	\$132
Satellite Municipal Household Special Waste Depot	100%	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	\$3,531	\$3,931
Compost Facility	100%	15,876	15,876	15,876	15,876	15,876	15,876	15,876	15,876	15,876	15,876	\$76	\$123
Pre-Fabricated & Modular Office Building											281	\$1,551	\$1,749
Total		23,209	23,209	23,209	24,086	24,086	24,086	24,119	24,119	24,119	24,400		

Population	134,605	134,846	135,711	136,756	137,872	139,057	140,864	141,435	142,061	144,586
Per Capita Standard	0.1724	0.1721	0.1710	0.1761	0.1747	0.1732	0.1712	0.1705	0.1698	0.1688

10 Year Average	2011-2020
Quantity Standard	0.1720
Quality Standard	\$1,260
Service Standard	\$217

D.C. Amount (before deductions)	10 Year
Forecast Population	47,778
\$ per Capita	\$217
Eligible Amount	\$10,354,926



Appendix C

Draft Amending Development Charge By-law



The Corporation of the City of Barrie

By-law Number 2021-___

Being a By-Law of The Corporation of the City of Barrie To Amend By-Law 2019-055, Respecting Development Charges

Whereas the City of Barrie (the “City”) enacted By-law 2019-055 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 an updated Schedule C-1 and Schedule C-2 to By-law 2019-055;

And Whereas the Council of the City of Barrie (“Council”) has before it a report entitled “City of Barrie 2021 Development Charge Update Study” prepared by Watson & Associates Economists Ltd., dated April 9, 2021 (the “update study”);

And Whereas the update study and proposed amending by-law were made available to the public on April 9, 2021 and Council gave notice to the public pursuant to section 12 of the Act.

And Whereas Council, on June 14, 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 2019-055 is hereby amended as follows:

A. Addition of definitions in Section 1 related to Ancillary Dwelling and Ancillary Structure as follows:

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

“ancillary structure” has the same meaning as an ancillary dwelling.



B. 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.

C. Addition of Detached Dwelling Unit to the definitions in Section 1 as follows:

“detached dwelling unit” has the same meaning as a “single detached dwelling unit” for the purposes of this by-law.

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. Replace the definition of Institutional Use in the 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 (as per staff report FIN002-20) and approved Council motion 20-G-025, as may be revised from time to time.

G. Addition of Mobile Home to the definitions in Section 1 as follows:

“mobile home” means a Building recognized in the Building Code as a “Mobile Home” in accordance with the standard for mobile homes in CSA Z240.2.1 “Structural requirements for Manufactured Homes” or CSA A277 “Procedures for Factory Certification of Buildings”.

H. Addition of Non-Profit Housing Development to the definitions of 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.

I. 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;



J. Replace Section titled “Designation of Services,” in Section 2, with the following:

Designation of Services/Class of Services

K. Addition of Class of Service to Section 2 verbiage after the words “services” to be:

“The categories of services/class of services for which development charges are imposed under this By-law are as follows:”

L. Replace section 2.1 (h) Administration – Essential Services and (i) Administration – Community Based Services with:

(h) Growth Studies

M. Rename and renumber Section 2 (j) Paramedics with:

(i) Ambulance Services

N. Rename and renumber Section 2 (k) Social Housing with:

(j) Housing Services

O. Renumber Section 2 (l) through (x) as Sections 2 (k) through (w)

P. Addition of the following subsections to Section 8:

g) Notwithstanding section 8 (a), development charges for rental housing and institutional developments are due and payable in 6 equal annual payments commencing with the first installment payable on the date of occupancy, and each subsequent installment, including interest as provided in the City’s Council approved development charge interest policy (as per staff report FIN002-20 and Council motion 20-G-025) as may be revised from time to time.

h) Notwithstanding section 8 (a), development charges for non-profit housing developments are due and payable in 21 equal annual payments commencing with the first installment payable on the date of occupancy, and each subsequent installment, including interest as provided in the City’s Council approved development charge interest policy (as per staff report



FIN002-20 and Council motion 20-G-025) as may be revised from time to time.

- i) Where the development of land results from the approval of a site plan or zoning by-law amendment application received on or after January 1, 2020, and the approval of the application occurred within two years of building permit issuance, the development charges under section 7 shall be calculated on the rates set out in Schedules “B-1”, “B-2”, “C-1”, “C-2”, “D-1” and “D-2” on the date of the planning application, including interest. Where both planning applications apply, development charges under section 7 shall be calculated on the rates in effect on the day of the later planning application, including interest as provided in the City's Council approved development charge interest policy (as per staff report FIN002-20 and Council motion 20-G-025) as may be revised from time to time.

Q. Replace Section 11 a) (i) to (vi) with the following:

- a) Notwithstanding the provisions of this By-law, development charges shall not be imposed with respect to developments or portions of developments as follows:
 - (i) the enlargement to an existing residential dwelling unit;
 - (ii) one or two additional dwelling units in an existing or to be constructed single detached dwelling or prescribed ancillary structure to the existing residential building;
 - (iii) the creation of additional dwelling units equal to the greater of one or 1% of the existing dwelling units in an existing residential rental building containing four or more dwelling units or prescribed ancillary structure to the existing residential building;
 - (iv) the creation of one additional dwelling unit in any other existing or to be constructed residential building, such as a semi-detached or row dwelling or prescribed ancillary structure to the existing residential building; or



(v) Notwithstanding subsection (ii) 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.

(vi) Notwithstanding subsection (iv) above, development charges shall be imposed if the additional unit has a gross floor area greater than:

(a) in the case of a semi-detached or row dwelling, the gross floor area of the existing smallest dwelling unit; and

(b) in the case of any other residential building, the gross floor area of the smallest dwelling unit already contained in the residential building.

R. Section 11 (vi) through (xii) is renumbered as:

(viii) to (xiii)

S. Schedule “A” is replaced with the attached Schedule “A”.

T. Schedules “C-1” and “C-2” are deleted, and the replaced with the attached Schedules “C-1” and “C-2”.

2. This By-law shall come into force and effect at 12:01AM on June 14, 2021.
3. Except as amended by this By-law, all provisions of By-law 2019-055, as amended, are and shall remain in full force and effect.

By-law read a first and second time this 14th day of June, 2021.

By-law read a third time and finally passed this 14th day of June, 2021.

Mayor: _____

Clerk: _____



**SCHEDULE “A”
TO BY-LAW NO. 2019-055
COMPONENTS OF SERVICES/CLASSES OF SERVICES DESIGNATED IN
SUBSECTION 2.1**

Area Specific – Whiskey Creek

Stormwater Management Pond Works and Downstream Conveyance Works

Area Specific – Former City Municipal Boundary Areas

Stormwater Drainage and Control Services

Water Services

 Distribution Systems

Wastewater Services

 Collection Systems

Area Specific - Salem & Hewitt’s Secondary Plan Areas

Water Services

 Distribution Systems

Wastewater Services

 Collection Systems

Municipal Wide D.C.-Eligible Services

Water Services

 Facilities

 Facilities Related Debt

Wastewater Services

 Facilities

 Facilities Related Debt

Services Related to a Highway

 Roads

Transit

 Transit Facilities

 Transit Vehicles

 Transit Shelters

Library Services

 Public Facilities



- Library Collection Materials
- Parks and Recreation
 - Parkland Development
 - Parks Vehicles and Equipment
- Housing Services
 - Social Housing Facilities
- Waste Diversion
 - Waste Diversion Facilities
 - Waste Diversion Vehicles & Equipment
 - Waste Diversion Carts & Containers
- Long Term Care
 - Long-term Care Facilities
- Ambulance Services
 - Facilities, Vehicles and Equipment

Municipal-Wide D.C.-Eligible Classes

- Public Works
 - Services Related to a Highway
 - Water Services
 - Wastewater Services
 - Stormwater Services

- Protection
 - Fire Facilities
 - Fire Vehicles
 - Fire Small Equipment and Gear
 - Police Facilities
 - Police Vehicles
 - Police Small Equipment and Gear

- Growth Studies
 - Services Related to a Highway
 - Water Services
 - Wastewater Services
 - Stormwater Drainage and Control Services
 - Protection



Transit
Library Services
Parks and Recreation
Housing Services
Long Term Care
Waste Diversion
Public Works
Ambulance Services

Municipal-Wide D.C. Services - In force until September 18, 2022

Parking

Parking Spaces
Parking Studies

Airport

Airport Facilities
Airport Vehicles & Equipment



**SCHEDULE C-1
RESIDENTIAL AND NON-RESIDENTIAL DEVELOPMENT CHARGES
EFFECTIVE DECEMBER 1, 2019**

Service/Class of Service	RESIDENTIAL					NON-RESIDENTIAL			
	Single and Semi-Detached Dwelling	Other Multiples	Apartments - 2 Bedrooms +	Apartments - Bachelor and 1 Bedroom	Special Care/Special Dwelling Units	Retail (per sq.m. of Gross Floor Area)	Non-Retail (per sq.m. of Gross Floor Area)	Retail (per sq.ft. of Gross Floor Area)	Non-Retail (per sq.ft. of Gross Floor Area)
Municipal Wide Services/Classes:									
Services Related to a Highway	27,651	21,888	15,486	10,871	9,365	160.36	110.96	14.90	10.31
Protection	1,831	1,449	1,025	720	620	10.80	7.60	1.00	0.71
Transit Services	1,153	913	646	453	390	6.98	4.68	0.65	0.43
Wastewater Services - Facilities	5,928	4,692	3,320	2,331	2,008	34.38	23.79	3.19	2.21
Wastewater Services - Facilities Related Debt	3,545	2,806	1,985	1,394	1,201	20.56	14.23	1.91	1.32
Water Services - Facilities	76	60	43	30	26	0.44	0.30	0.04	0.03
Water Services - Facilities Related Debt	4,929	3,902	2,760	1,938	1,669	28.59	19.78	2.66	1.84
Public Works	545	431	305	214	185	3.17	2.19	0.29	0.20
Ambulance Services*	233	184	130	92	79	0.47	0.32	0.04	0.03
Waste Diversion	429	340	240	169	145	0.41	0.27	0.04	0.03
Growth Studies**	77	61	43	30	26	0.46	0.31	0.04	0.03
Parks and Recreation Services	8,101	6,412	4,537	3,185	2,743	1.70	1.14	0.16	0.11
Library Services	794	628	444	312	269	0.66	0.44	0.06	0.04
Housing Services***	675	534	378	265	229	-	-	-	-
Long Term Care	42	33	24	17	14	-	-	-	-
Total Municipal Wide Services/Classes	56,008	44,333	31,366	22,021	18,969	268.98	186.01	24.98	17.29
Area Specific Services									
Former City Municipal Boundary Areas:									
Stormwater Drainage and Control Services	6,466	5,118	3,621	2,542	2,190	34.96	9.50	3.25	0.88
Wastewater Services - Collection Systems	1,135	898	636	446	384	14.09	3.83	1.31	0.36
Water Services - Distribution Systems	417	330	234	164	141	5.17	1.41	0.48	0.13
Total Area Specific Services Former City Municipal Boundary Areas	8,018	6,346	4,491	3,152	2,715	54.22	14.74	5.04	1.37
Total Services - Former City Municipal Boundary Areas	64,026	50,679	35,857	25,173	21,684	323.20	200.75	30.02	18.66
Area Specific Services									
Salem & Hewitt's Secondary Plan Areas:									
Wastewater Services - Collection Systems	4,980	3,942	2,789	1,958	1,687	30.35	18.76	2.82	1.74
Water Services - Distribution Systems	5,361	4,244	3,002	2,108	1,816	32.67	20.20	3.03	1.88
Total Area Specific Services - Salem & Hewitt's Secondary Plan Areas	10,341	8,186	5,791	4,066	3,503	63.01	38.96	5.85	3.62
Total Services - Salem & Hewitt's Secondary Plan Areas	66,349	52,519	37,157	26,087	22,472	331.99	224.97	30.83	20.91

* Formerly Paramedics

** Previously presented as two separate charges for Administration-Essential Services & Administration-Community Based Services, some studies have been removed as they no longer are eligible due to the changes in the legislation

*** Formerly Social Housing



**SCHEDULE C-2
RESIDENTIAL AND NON-RESIDENTIAL DEVELOPMENT CHARGES
EFFECTIVE UNTIL SEPTEMBER 18, 2022**

Service	RESIDENTIAL					NON-RESIDENTIAL			
	Single and Semi-Detached Dwelling	Other Multiples	Apartments - 2 Bedrooms +	Apartments - Bachelor and 1 Bedroom	Special Care/Special Dwelling Units	Retail (per sq.m. of Gross Floor Area)	Non-Retail (per sq.m. of Gross Floor Area)	Retail (per sq.ft. of Gross Floor Area)	Non-Retail (per sq.ft. of Gross Floor Area)
Municipal Wide Services:									
Parking Services	201	159	113	79	68	1.21	0.81	0.11	0.08
Airport	233	185	131	92	79	1.42	0.95	0.13	0.09
Total Municipal Wide Services	434	344	244	171	147	2.63	1.76	0.24	0.17