



**Report:** COR-FSD-20-05

## **Region of Waterloo**

### **Corporate Services**

### **Financial Services and Development Financing**

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**To:** Regional Chair Karen Redman and Members of Regional Council

**Date:** March 24, 2020

**File Code:**

**Subject:** 2019 Development Charge Transaction Report

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#### **Recommendation:**

For Information

#### **Summary:**

The collection of development charges in the Region of Waterloo is governed by the Region's Development Charge (RDC) By-law 19-037 which came into effect on August 1, 2019. The consolidated Regional Development Charge Reserve Fund (RDC Reserve Fund) started the year with a combined balance of \$36.8 million. Contributions to the RDC Reserve Fund from collections, community housing grants, interest and funded exemptions and discounts totaled \$90.2 million. Appropriations for capital projects, debt service and prior oversized project recoveries totaled \$66.8 million resulting in a 2019 closing balance of \$60.2 million.

Although the position of the consolidated RDC Reserve fund remains positive, there is an increasing reliance on growth related debt to fund the capital investments required to support growth in the Region. This will be addressed further in the Annual Adequacy of Regional Development Charge Collections Review report to be submitted to the Administration and Finance Committee in April. This report presents the annual summary of development charge transactions as required by the Development Charges Act. A copy will be made available on the Region's website.

**Report:****Background**

The “Development Charges Act, 1997” (“The DCA”), enables the Council of a municipality to, by by-law, impose development charges against land to pay for increased capital costs due to the increased need for services arising from development of the area to which the by-law applies. The collection of development charges in the Region of Waterloo is governed by the Region’s Development Charge (RDC) By-law 19-037 which came into effect on August 1, 2019.

Development charges are collected by the area municipalities on behalf of the Region. The funds are remitted to the Region on a monthly basis and allocated to reserve funds, which in turn are used to fund approved capital expansion projects in the following areas: Transportation, Airport, Water & Wastewater, Police, General Government (planning studies), Operations/Facilities, Library, Transit, Paramedic Services, and Waste Management.

The DCA requires the preparation of an Annual Report, the requirements of which include:

- Identify all assets whose capital costs were funded by DCs and, for each asset, identify costs which were funded by other sources
- Include a statement as to the municipality’s compliance in not imposing directly or indirectly, a charge related to a development or requirement to construct a service related to development, except as permitted by the DCA or another Act
- The report must be available to the public

All of the above requirements will be met by the Region through this report. In addition, the report must be submitted to the Ministry of Municipal Affairs if requested by the Minister.

**Development Charge Reserve Fund Balances**

The consolidated Regional Development Charge Reserve Fund (RDC Reserve Fund) started the year with a combined balance of \$36.8 million. Contributions to the RDC Reserve Fund from collections, community housing grants, interest and funded exemptions and discounts totaled \$90.2 million. Appropriations for capital projects, debt service and prior oversized project recoveries totaled \$66.8 million resulting in a 2019 closing balance of \$60.2 million. Although the position of the consolidated RDC Reserve fund remains positive, there is an increasing reliance on growth related debt to fund the capital investments required to support growth in the Region. This will be addressed further in the Annual Adequacy of Regional Development Charge Collections Review report to be submitted to the Administration and Finance Committee in April.

The continuity of each specific reserve fund is detailed in Appendix A. The continuity of the consolidated RDC Reserve Fund for all services for 2019, along with a comparison to 2018, is set out in the following table:

**Table 1  
RDC Reserve Fund Continuity**

	<u>2018</u>	<u>2019</u>
<b>Opening Balance</b>	<b>\$45,383,148</b>	<b>\$36,807,856</b>
<b>Add Contributions:</b>		
Collections	51,158,349	78,525,531
Funding of Community Housing Grants	432,918	102,078
Exemptions/Discounts	10,261,596	40,011,959
Less: Unfunded Exemptions	(5,062,994)	(29,665,559)
Interest Earned	915,981	1,235,838
	<b>57,705,849</b>	<b>90,209,847</b>
<b>Less Appropriations:</b>		
To Fund Debt Servicing Costs	13,336,946	14,470,196
To Fund Capital Projects	49,395,565	44,864,940
Capital Component - Service Contract	300,000	581,997
Repayments To Regional Reserves *	3,248,630	6,871,225
	<b>66,281,141</b>	<b>66,788,358</b>
<b>Closing Balance</b>	<b>\$36,807,856</b>	<b>\$60,229,345</b>

\*Repayments for projects originally funded from tax levy and user rate sources that are eligible for development charge funding.

To provide additional context and a historical comparison, the following table provides a five-year continuity of total RDC reserve fund activities:

**Table 2****Five Year Continuity of RDC Reserve Fund (\$ Thousands)**

	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>
Opening balance	\$66,269	\$52,327	\$66,409	\$45,383	\$36,808
Add: contributions	45,831	82,070	58,618	57,706	90,210
Less: appropriations	(59,773)	(67,989)	(79,643)	(66,281)	(66,788)
Closing balance	\$52,327	\$66,409	\$45,383	\$36,808	\$60,229

**2019 Contributions to RDC Reserves****A) Collections**

Development charge collections in 2019 totaled \$78.5 million, of which \$61.4 million was attributable to residential development and \$17.1 million was for non-residential development. The 2019 collections were approximately 53.3% higher than the 2018 collections of \$51.2 million.

**B) Funding of Community Housing Grants**

Under the Region's Affordable Housing Strategy, certain projects are eligible for a Community Housing RDC Grant. Community Housing RDC Grants in 2019 totalled \$102,078. As prescribed by the DCA, grants to cover development charges cannot be funded from the Development Charge Reserve Fund and consequently must be funded from other sources, i.e. property taxes and user rates. As described in Report COR-TRY-19-10 Regional Development Charge Grants for Affordable Housing Projects and Habitat for Humanity dated January 29, 2019, community housing grants will be funded from Delivering Opportunities for Ontario Renters (DOOR) beginning in 2019 and continuing until said funding is depleted.

**C) Exemptions & Discounts**

The DCA requires that any shortfall in development charge revenue resulting from discretionary development charge exemptions and discounts approved by Council be funded from sources other than higher charges on other development. The following exemptions and discounts are provided in the Region's current RDC By-law:

- 1) Downtown core exemption: for the first two months of 2019, full downtown core exemptions existed in Kitchener and Cambridge. Development in the core area of the City of Waterloo received a 77% discount off the Transit RDC and 100%

discount off the Waste Management DC. All Regional downtown core exemptions expired on February 28, 2019. With the approval of the Region's new development charge by-law 19-037, which came into force on August 1, 2019, core exemptions were reinstated in the City of Cambridge.

- 2) Remediated Brownfield Sites exemption: an RDC exemption is provided in the amount of the eligible remediation costs to a maximum of the RDC payable for sites grandfathered under the Region's previous development charges by-law. For brownfield sites that apply under the Region's new development charge by-law, the recovery is capped at \$1 million per site with 100% of the remediation costs eligible until December 31, 2021 and 50% of the remediation costs eligible from January 1, 2022 until the by-law expires on July 31, 2024.
- 3) Public hospitals exemption: hospitals within the meaning of the Public Hospitals Act R.S.O 1990 are exempt from paying Regional development charges.
- 4) Industrial Discount: qualifying industrial development received a 50% discount from January 1 to July 31, 2019. The discount was increased to 60% on August 1, 2019.
- 5) Office Discount: effective August 1, 2019 qualifying office development in excess of 20,000 square feet in urban growth centres receives a 50% discount to the prevailing non-residential development charge rate.

Through report COR-FSD-17-33 dated November 22, 2017, Regional Council approved a strategy to fund downtown core area exemptions arising in 2017 and 2018 that were in excess of 2017 and 2018 budgets (and those arising in 2019 up to and including February 28, 2019) over a 10-year period. This strategy was implemented to better align the timing of core area exemption funding with the actual development of the sites, to preserve the Region's reserve balances and reduce overall financial risk to the Region while complying with the intention of the DCA.

Table 3 provides a summary of downtown core exemptions over the January 1, 2017-February 28, 2019 period:

**Table 3 – Downtown Core Area Exemptions (\$ Thousands)**

	<b>2017</b>	<b>2018</b>	<b>Up to Feb. 28, 2019</b>	<b>Total</b>
Funded	\$1,331	\$2,055	\$4,130	\$7,516
Unfunded	\$2,444	\$5,063	\$29,666	\$37,173
<b>Total</b>	<b>\$3,775</b>	<b>\$7,118</b>	<b>\$33,796</b>	<b>\$44,689</b>

The total cost of downtown core exemptions based on permits issued in 2017, 2018 and up to February 28, 2019 (when the exemption expired) was \$44.7 million. This figure is at

the low end of the estimated range provided to Council back in late 2017 when the funding strategy was approved. The “unfunded” component of these exemptions totals \$41.3 million and, per the approved strategy, will be transferred to the development charge reserves at a rate of \$4.1 million per year over the 2019-2028 timeframe.

Table 4 provides a summary of exemptions and discounts applied in 2019.

**Table 4 – 2019 Exemptions & Discounts (\$ Thousands)**

	<b>Downtown Core (Previous By-law)</b>	<b>Cambridge Core (new By-law)</b>	<b>Brownfield Exemptions</b>	<b>Industrial Discounts</b>	<b>Public Hospital</b>	<b>Total</b>
Total Exemptions	\$33,796	\$305	\$2,857	\$3,001	\$54	\$39,959
Funded in 2019	\$4,130	\$305	\$2,857	\$3,001	\$54	\$10,347

The cost of development charge exemptions and discounts is financed from user rates and property taxes. A total of \$10.3 million of the exemption and discount costs were funded in 2019 with \$6.8 million coming from property taxes and \$3.5 million from user rates. The remaining \$29.7 million will be funded from property taxes and user rates over the 2020-2028 timeframe.

**2019 Development Charge Appropriations**

**A) To Fund Debt Servicing Costs**

In 2019, appropriations to fund eligible growth-related debt servicing costs totaled \$14.5 million. The table below shows the amount of development charges used to fund debt servicing costs by service:

<b>Service</b>	<b>\$ Thousands</b>	<b>Project Description</b>
Wastewater	8,121	Wastewater Treatment Plant upgrades for Kitchener, Waterloo, Galt and Ayr. Influent channel twinning in Kitchener.
Transit	5,142	Stage 1 LRT, King Victoria Transit Hub, Northfield Drive Operations & Maintenance Facility, Fairview Mall terminal,
Transportation	420	River Rd., Homer Watson Blvd., Northfield Dr., Franklin Blvd., South Boundary Rd.
Police	138	Property Acquisition

<b>Service</b>	<b>\$ Thousands</b>	<b>Project Description</b>
Paramedic	205	EMS Stations: HQ/North Fleet Centre, Breslau and Kitchener
Airport	424	Property Acquisition
Library	20	Library Headquarters Expansion
<b>Total All Services</b>	<b>\$14,470</b>	

### **B) To Fund Capital Projects**

Appropriations to fund capital projects in 2019 totaled \$44.9 million with approximately 87% related to growth related projects in Transportation and Water Services. Appendix B provides a detailed list of the projects funded for each service area.

### **C) To Fund the Capital Component of Service Contracts**

Service contracts in Waste Management have a growth related capital component that is eligible for development charge funding and accordingly \$582,000 is transferred from the Waste Management DC Reserve annually to offset a portion of the growth related capital component of the service contracts related to waste diversion activities.

### **D) Repayments to Regional Reserves**

A total of \$ 6.9 million was transferred from the RDC Reserves for Water, Wastewater, Police, and Paramedic Services to user rate (Water & Wastewater) and levy funded (Police and Paramedic Services) capital reserves. This represents a repayment from development charges for projects that were previously financed from tax levy and user rate sources and that qualify for RDC recoveries under RDC By-law 19-037.

### **Statement of Compliance:**

As required by the DCA, the Regional Municipality of Waterloo has not imposed directly or indirectly, a charge related to a development or requirement to construct a service related to development, except as permitted by the DCA or another Act.

### **Corporate Strategic Plan:**

This report supports strategic objectives found in the Corporate Strategic Plan, and particularly Focus Area 1.2 - Plan for and provide the infrastructure and services necessary to create the foundation for economic success.

**Financial Implications:**

Development charges are used to fund a portion of the cost of growth-related capital works. Existing RDC Fund balances along with future RDC revenues will be utilized to fund growth-related debt servicing costs and approved capital projects as set out in each year's capital budget. Staff will submit the Annual Adequacy of Regional Development Charge Collections Review report to the Administration and Finance Committee in April.

**Other Department Consultations/Concurrence:** Nil

**Attachments:**

Appendix A – Reserve Fund Transactions by Service Category

Appendix B – 2019 Development Charge Appropriations to Fund Capital Projects

**Prepared By:** Erin Gray, Financial Analyst Transportation/RDC

**Approved By:** Craig Dyer, Commissioner, Corporate Services/Chief Financial Officer



**APPENDIX A**  
**The Regional Municipality of Waterloo**  
**Regional Development Charges**  
**2019 Reserve Fund Continuity**

Fiscal Year 2019	Transportation	Airport	Water & Wastewater	Police	General Government	Operations	Library	Transit	Paramedic Services	Waste Management	Total Fund
<b>Opening Balance</b> 01-Jan-19	6,975,671	980,106	24,245,801	(728,637)	(2,292,221)	3,644,859	47,898	2,997,752	694,553	242,074	<b>36,807,855</b>
<b>Contributions</b>											
Collections	35,928,775	1,309,949	28,568,845	1,437,522	561,113	468,822	157,650	9,035,717	377,790	679,348	<b>78,525,531</b>
Exemptions/Discounts	17,493,052	504,804	13,572,629	517,489	214,735	225,514	1,582	6,843,864	170,596	467,694	<b>40,011,959</b>
Less: Unfunded Exemptions	(12,697,962)	(351,740)	(10,015,863)	(364,300)	(155,732)	(168,648)		(5,383,820)	(129,404)	(398,090)	<b>(29,665,559)</b>
Community Housing Grants	45,198	1,092	35,436	1,278	528	582		16,266	456	1,242	<b>102,078</b>
Interest Earned	460,300	27,975	591,999	(1,036)	(60,075)	76,871	3,029	115,226	15,207	6,341	<b>1,235,838</b>
	<b>41,229,363</b>	<b>1,492,080</b>	<b>32,753,046</b>	<b>1,590,953</b>	<b>560,569</b>	<b>603,141</b>	<b>162,261</b>	<b>10,627,253</b>	<b>434,645</b>	<b>756,535</b>	<b>90,209,847</b>
<b>Appropriations</b>											
Debt Service	419,608	423,854	8,120,820	138,057			20,198	5,142,763	204,896		<b>14,470,196</b>
Capital Projects*	18,618,591	831,861	20,572,308	(617,085)	693,215	1,856,978		2,432,489	315,786	160,797	<b>44,864,940</b>
Capital Component - Service Contract										581,997	<b>581,997</b>
Repayments to Regional Reserves**			6,068,158	694,060					109,007		<b>6,871,225</b>
	<b>19,038,199</b>	<b>1,255,715</b>	<b>34,761,286</b>	<b>215,032</b>	<b>693,215</b>	<b>1,856,978</b>	<b>20,198</b>	<b>7,575,252</b>	<b>629,689</b>	<b>742,794</b>	<b>66,788,358</b>
<b>Closing Balance</b> 31-Dec-19	<b>29,166,835</b>	<b>1,216,471</b>	<b>22,237,561</b>	<b>647,284</b>	<b>(2,424,868)</b>	<b>2,391,022</b>	<b>189,962</b>	<b>6,049,753</b>	<b>499,509</b>	<b>255,815</b>	<b>60,229,345</b>

\* ( ) Indicate that funding has been returned to the Reserve in 2019

\*\* Repayments for projects originally funded from tax levy and user rate sources that are eligible for development charge funding

**APPENDIX B - 2019 Development Charge Appropriations to Fund Capital Projects**

	Project Financing			2019 Funding Sources					Total 2019 Funding
	Opening Under/ (Over) Financed	2019 Expenditure	Cumulative Under (Over) Financed	RDC Reserves	RDC Debentures	Other Reserves	Tax/Rate Supported Debentures	Grants, Third Party Recoveries	
<b>TRANSPORTATION</b>									
05110 Victoria St, HWY 7 Bridge to Edna St		55,992	55,992	55,992					55,992
05284 New Dundee Rd at Fischer-Hallman Rd		1,522	1,522	1,522					1,522
05337 King St, Eagle St to Fountain St & Fountain St - King St to Shantz Hill		4,714,933	4,714,933	4,007,696		707,240			4,714,933
05340 Manitou Dr, Bleams Rd to Webster Rd		419,248	419,248	419,248					419,248
05377 Ottawa St, Pattandon Ave to Imperial Dr		2,035,148	2,035,148	306,854		528,350		1,199,944	2,035,148
05389 Erb St, 100m E of Caroline St to Menno St		122,931	122,931	104,492		18,440			122,931

	Project Financing			2019 Funding Sources					Total 2019 Funding
	Opening Under/ (Over) Financed	2019 Expenditure	Cumulative Under (Over) Financed	RDC Reserves	RDC Debentures	Other Reserves	Tax/Rate Supported Debentures	Grants, Third Party Recoveries	
05420 Cedar St, Osborne St to Cambridge Bdry		29,091	29,091	18,327		10,764			29,091
05549 Franklin Blvd, Myers Rd to HWY 401	5,384,109	2,671,806	8,055,915	3,055,915	5,000,000				8,055,915
05566 Highland Rd, Fischer-Hallman Rd to Highland Hills Mall Entrance		6,524	6,524	1,559		4,965			6,524
05636 Swan St-Hilltop Dr to Stanley St and Northumberland St/Stanley St - St. Andrews St to CP Railway Crossing		2,260,505	2,260,505	134,187		540,899		1,585,419	2,260,505
05688 Herrgott Rd, Lobsinger Ln to St Clements N Limits		480,431	480,431	57,700		24,407		398,324	480,431
05752 Highland Rd W, Highland Hills Mall Entrance to Ira Needles Blvd		428,722	428,722	428,722					428,722

	Project Financing			2019 Funding Sources					Total 2019 Funding
	Opening Under/ (Over) Financed	2019 Expenditure	Cumulative Under (Over) Financed	RDC Reserves	RDC Debentures	Other Reserves	Tax/Rate Supported Debentures	Grants, Third Party Recoveries	
05779 Waterloo Spur Trail		4,880	4,880	4,392		488			4,880
05939 Sawmill Rd, Musselman Cres to Arthur St S		1,615,560	1,615,560	121,505		15,926		1,478,129	1,615,560
05945 Gingerich Rd, Sandhills Rd to Foundry St		1,153,703	1,153,703	372,564		115,517		665,622	1,153,703
05955 Ottawa St S, Fischer-Hallman Rd to 100M W of Trussler Rd		1,175,695	1,175,695	925,695				250,000	1,175,695
06055 Operations Growth Vehicles		48,761	48,761	48,761					48,761
06416 Franklin Blvd, 200M N of Avenue Rd to 325M S of Bishop St		53,335	53,335	53,335					53,335
06433 Ainslie St Extension		28,664	28,664	28,664					28,664
06744 Fairway Rd, HWY 8 SB Ramp to Wilson Ave		124,293	124,293	111,864		12,429			124,293

	Project Financing			2019 Funding Sources					Total 2019 Funding
	Opening Under/ (Over) Financed	2019 Expenditure	Cumulative Under (Over) Financed	RDC Reserves	RDC Debentures	Other Reserves	Tax/Rate Supported Debentures	Grants, Third Party Recoveries	
06762 Homer Watson Blvd, Ottawa St S to Bleams Rd	(616,773)	1,685,749	1,068,976	377,976	691,000				1,068,976
07066 Regional Transportation Master Plan		85,287	85,287	85,287					85,287
07074 Growth Related Studies & Design		795	795	795					795
07087 River Rd Extension, King St to Manitou Dr	2,521,705	4,060,428	6,582,133		7,520,000				7,520,000
07097 Development Related Left & Right Turn Lanes to be Identified		58,764	58,764	58,764					58,764
07101 Weber St, College Ave to Guelph St		12,745	12,745	10,833		1,912			12,745
07111 Homer Watson Blvd, Conestoga College Blvd to Manitou Dr	(1,549,889)	6,786,352	5,236,463		7,859,000				7,859,000

	Project Financing			2019 Funding Sources					Total 2019 Funding
	Opening Under/ (Over) Financed	2019 Expenditure	Cumulative Under (Over) Financed	RDC Reserves	RDC Debentures	Other Reserves	Tax/Rate Supported Debentures	Grants, Third Party Recoveries	
07116 Maple Grove Rd, Hespeler Rd to East of Fountain St		488,039	488,039	488,039					488,039
07121 Fischer-Hallman Rd, Bleams Rd to Ottawa St		1,008	1,008	1,008					1,008
07129 South Boundary Rd, Franklin Blvd to Dundas St		26,903	26,903	26,903					26,903
07132 Franklin Blvd, Myers Rd to Cambridge S.E. Boundary Rd		206,584	206,584	206,584					206,584
07145 Bleams Rd at Fischer-Hallman Rd		237,346	237,346	237,346					237,346
07158 Transportation Tomorrow Survey		6,442	6,442	6,442					6,442
07178 Traffic Education Program		2,922	2,922	1,461		1,461			2,922
07180 Preliminary Design & Post Construction Expenditures		153,068	153,068	153,068					153,068

	Project Financing			2019 Funding Sources					Total 2019 Funding
	Opening Under/ (Over) Financed	2019 Expenditure	Cumulative Under (Over) Financed	RDC Reserves	RDC Debentures	Other Reserves	Tax/Rate Supported Debentures	Grants, Third Party Recoveries	
07192 South Boundary Rd, Water St to Franklin Blvd	3,657,154	3,917,606	7,574,760		6,000,000				6,000,000
07221 Fischer-Hallman Rd/Bearinger Rd, Columbia St to Westmount Rd		169,265	169,265	169,265					169,265
07248 Sawmill Rd at St Charles St		58,757	58,757	58,757					58,757
07253 Growth Related Land Dedication Survey's & Purchases		800	800	800					800
07257 Northfield Dr, Davenport Rd to University Ave	3,546,225	486,204	4,032,429	479,477	3,540,000			12,952	4,032,429
07258 Bleams Rd, Strasburg Rd to Fischer-Hallman Rd		104,374	104,374	104,374					104,374
07259 University Ave, Keats Way to Erb St		1,358,990	1,358,990	1,358,990					1,358,990
07282 Ira Needles, Highview to Erb		26,684	26,684	26,684					26,684

	Project Financing			2019 Funding Sources					Total 2019 Funding
	Opening Under/ (Over) Financed	2019 Expenditure	Cumulative Under (Over) Financed	RDC Reserves	RDC Debentures	Other Reserves	Tax/Rate Supported Debentures	Grants, Third Party Recoveries	
07294 Ottawa St, Homer Watson Blvd to Alpine Rd		11,913	11,913	11,913					11,913
07297 Erb St, Gateview Dr/Beechwood Dr to Erbsville Ct and Ira Needles Blvd to Wilmot Ln and Ira Needles Blvd to Wilmot Ln		406,052	406,052	345,144		60,908			406,052
07299 East Boundary Rd, Dundas St to Wesley Blvd		128,676	128,676	128,676					128,676
07302 Transportation & Transit Forecasting Model Development		29,660	29,660	29,660					29,660
07303 Fountain St, Maple Grove Rd to Kossuth Rd		(31,231)	(31,231)	(31,231)					(31,231)
07318 Fairway Rd, Lackner Blvd to Briarmeadow Dr		56,639	56,639	56,639					56,639
07327 Erb St, Ira Needles Blvd to Wilmot Ln		174,377	174,377	174,377					174,377



	Project Financing			2019 Funding Sources					Total 2019 Funding
	Opening Under/ (Over) Financed	2019 Expenditure	Cumulative Under (Over) Financed	RDC Reserves	RDC Debentures	Other Reserves	Tax/Rate Supported Debentures	Grants, Third Party Recoveries	
07332 Ottawa St, King St to Charles St		205,473	205,473	174,652		30,821			205,473
07337 Hespeler Rd over HWY 401 Feasibility Study for Cycling Facility		822	822	822					822
07362 Waterloo St at Nafziger Rd		408	408	408					408
07364 Foundry St at Gingerich Rd		793,566	793,566	793,566					793,566
07366 Trussler Rd at Bridge St		1,140,943	1,140,943	1,099,035				41,908	1,140,943
07380 Foundry St at Gingerich Rd Temporary Traffic Control Signal		90,849	90,849	90,849					90,849
07386 Fairway Rd, Pebblecreek Dr to Lackner Blvd		51,101	51,101	51,101					51,101
07441 Dickie Settlement Rd at Roseville Rd		960	960	960					960

	Project Financing			2019 Funding Sources					Total 2019 Funding
	Opening Under/ (Over) Financed	2019 Expenditure	Cumulative Under (Over) Financed	RDC Reserves	RDC Debentures	Other Reserves	Tax/Rate Supported Debentures	Grants, Third Party Recoveries	
07478 New Traffic Control Installation		899,193	899,193	899,193					899,193
07484 Homer Watson Blvd at Pearson St		16,699	16,699	16,699					16,699
07494 Lackner Blvd at Otterbein Rd		1,483	1,483	1,483					1,483
07538 Maple Grove Rd at Compass Trail		215,724	215,724	215,724					215,724
07542 Bleams Rd at Fallowfield Dr/Bullock St		70,915	70,915	70,915					70,915
07553 Sawmill Rd at Ebycrest Rd		24,991	24,991	24,991					24,991
07555 Shantz Station Rd at Kossuth Rd		8,146	8,146	8,146					8,146
07557 Arthur St at Sawmill Rd		57,485	57,485	57,485					57,485
07558 Line 86 at Floradale Rd		20,345	20,345	20,345					20,345
07562 Northumberland St at Broom St		86,228	86,228	86,228					86,228

	Project Financing			2019 Funding Sources					Total 2019 Funding
	Opening Under/ (Over) Financed	2019 Expenditure	Cumulative Under (Over) Financed	RDC Reserves	RDC Debentures	Other Reserves	Tax/Rate Supported Debentures	Grants, Third Party Recoveries	
07563 Listowel Rd at Timber Trail		148,564	148,564	148,564					148,564
09025 Growth Related Traffic Signal Modernizations		30,400	30,400	30,400					30,400
<b>TOTAL TRANSPORTATION</b>	<b>12,942,531</b>	<b>42,007,237</b>	<b>54,901,007</b>	<b>18,618,591</b>	<b>30,610,000</b>	<b>2,074,527</b>	<b>0</b>	<b>5,632,299</b>	<b>56,935,417</b>
<b>REGION OF WATERLOO INTERNATIONAL AIRPORT</b>									
03544 Sanitary Forcemain Servicing		105,356	105,356	70,589		34,767			105,356
03569 Hydro Plant Upgrade		46,920	46,920	39,413		7,507			46,920
03579 Parking Lot Expansion		9,894	9,894	8,905		989			9,894
03593 Terminal Bldg Exp Feasibility/ Site Study	54,268	544,507	598,775	347,290		251,485			598,775

	Project Financing			2019 Funding Sources					Total 2019 Funding
	Opening Under/ (Over) Financed	2019 Expenditure	Cumulative Under (Over) Financed	RDC Reserves	RDC Debentures	Other Reserves	Tax/Rate Supported Debentures	Grants, Third Party Recoveries	
03594 Rail Connectivity Study YKF/YYZ	3,150		3,150	1,827		1,323			3,150
03595 Enviro Assmt for Runway 14-32 & 08-26	12,017	117,975	129,992	75,395		54,597			129,992
03596 Design Runway 14-32 & 08-26	20,700	126,511	147,211	85,382		61,829			147,211
03597 Master Land Use and Service Planning	8,932	138,682	147,614	80,435		67,179			147,614
03600 Design of Terminal Expansion Phase 1	17,923	66,572	84,495	49,007		35,488			84,495
03601 Development of Apron VII Serviced Lands		68,030	68,030	39,458		28,572			68,031
03602 Federal Zoning Runway 14-32 & 08-26 Ext	11,028	58,897	69,925	34,160		35,765			69,925
03603 Trigger 2 Property Acquisition	317,646	5,226,352	5,543,998		3,311,980		2,428,020		5,740,000

	Project Financing			2019 Funding Sources					Total 2019 Funding
	Opening Under/ (Over) Financed	2019 Expenditure	Cumulative Under (Over) Financed	RDC Reserves	RDC Debentures	Other Reserves	Tax/Rate Supported Debentures	Grants, Third Party Recoveries	
<b>TOTAL REGION OF WATERLOO INTERNATIONAL AIRPORT</b>	<b>445,664</b>	<b>6,509,696</b>	<b>6,955,360</b>	<b>831,861</b>	<b>3,311,980</b>	<b>579,501</b>	<b>2,428,020</b>	<b>0</b>	<b>7,151,362</b>
<b>WATER &amp; WASTEWATER</b>									
04001 Groundwater Modelling		129,337	129,337	25,201		68,136		36,000	129,337
04005 MOE Source Water Assessment		15,943	15,943	4,305		11,638			15,943
04014 Integrated Urban System Groundwater Supply		18,860	18,860	18,860					18,860
04015 Laurel Tank WTP		160,926	160,926	160,926					160,926
04024 Mannheim WTP RMP Supernatant		44,579	44,579	11,769		32,810			44,579
04082 Watermain Upgrades		5,881,987	5,881,987	1,588,137		4,293,851			5,881,988
04083 New Watermains		951,094	951,094	951,094					951,094

	Project Financing			2019 Funding Sources					Total 2019 Funding
	Opening Under/ (Over) Financed	2019 Expenditure	Cumulative Under (Over) Financed	RDC Reserves	RDC Debentures	Other Reserves	Tax/Rate Supported Debentures	Grants, Third Party Recoveries	
04086 Baden New Hamburg Loops		829,597	829,597	829,597					829,597
04090 W&E Research & Development Project		19,071	19,071	11,643				7,428	19,071
04097 Water Supply Upgrades		118,106	118,106	31,889		86,218			118,107
04124 Source Protection Planning & Programming		381,155	381,155	102,912		278,243			381,155
04125 Source Protection Technical Assessment		1,150,287	1,150,287	310,578		839,710			1,150,288
04135 Well Optimization & Upgrades		532,932	532,932	143,892		389,040			532,932
04149 GW/SW Assessments		216,811	216,811	58,539		158,272			216,811
04155 Tri City Distribution Upgrades		24,324	24,324	24,324					24,324
04156 Kitchener Zone(s) 2/4 Distribution Upgrades		2,287,190	2,287,190	2,287,190					2,287,190

	Project Financing			2019 Funding Sources					Total 2019 Funding
	Opening Under/ (Over) Financed	2019 Expenditure	Cumulative Under (Over) Financed	RDC Reserves	RDC Debentures	Other Reserves	Tax/Rate Supported Debentures	Grants, Third Party Recoveries	
04159 Asset Management		669,914	669,914	180,875		489,039			669,914
04160 William St & K41/K42 Class EA		5,487,486	5,487,486	1,448,696		4,038,790			5,487,486
04161 Kitchener Zone 4 Feeder Upgrades		1,852,413	1,852,413	1,852,413					1,852,413
04165 Clean Water Act Implementation		194,194	194,194	50,056		135,338		8,800	194,194
04170 Monitoring System Management		483,348	483,348	130,504		352,844			483,348
04173 Conestoga Plains and West Montrose System Upgrades		2,795,810	2,795,810	738,094		2,057,716			2,795,810
04178 Weber St - Connection Kitchener to Waterloo		19,467	19,467	19,467					19,467
04181 Cambridge Water Distribution Upgrades		1,100,908	1,100,908	290,640		810,268			1,100,908
04183 Residential Water Efficiency Initiatives		175,182	175,182	175,182					175,182

	Project Financing			2019 Funding Sources					Total 2019 Funding
	Opening Under/ (Over) Financed	2019 Expenditure	Cumulative Under (Over) Financed	RDC Reserves	RDC Debentures	Other Reserves	Tax/Rate Supported Debentures	Grants, Third Party Recoveries	
04184 Connection of New wells to water Supply System		371,830	371,830	100,394		271,436			371,830
04186 Mannheim Reservoir Inlet Piping Upgrades		229,126	229,126	61,864		167,262			229,126
04187 Manganese Treatment Upgrades		325,276	325,276	87,824		237,451			325,275
04188 Water Asset Management Systems		475,133	475,133	128,286		346,847			475,133
04189 Elmira & St Jacobs Water Supply Optimization		292,978	292,978	292,978					292,978
04190 Baden & New Hamburg Comprehensive Servicing Master Plan		23,980	23,980	23,980					23,980
04864 Water Efficiency - ICI Programs		179,415	179,415	179,415					179,415
04893 Facilities Upgrades		7,688,434	7,688,434	2,074,046		5,607,606		6,782	7,688,434



	Project Financing			2019 Funding Sources					Total 2019 Funding
	Opening Under/ (Over) Financed	2019 Expenditure	Cumulative Under (Over) Financed	RDC Reserves	RDC Debentures	Other Reserves	Tax/Rate Supported Debentures	Grants, Third Party Recoveries	
04903 PS & Reservoir Decommissioning		150,715	150,715	40,693		110,022			150,715
04904 LTWS ASR Stages 1 + 2		835,580	835,580	835,580					835,580
04911 Regulatory Requirements Upgrades		185,715	185,715	50,143		135,572			185,715
04943 Water Efficiency-Outdoor Water Use		163,592	163,592	163,332				260	163,592
04969 SCADA Communication Upgrade		1,274,946	1,274,946	344,235		930,711			1,274,946
08275 Biosolids Management Facility		18,661	18,661	5,038		13,623			18,661
08279 SCADA System		1,331,384	1,331,384	350,100		946,566		34,718	1,331,384
08281 River Sampling Program		388,571	388,571	104,914		283,657			388,571
08288 Other Studies		59,089	59,089	15,954		43,135			59,089
08289 Galt Process Upgrades & Expansion	(59,640)	649,851	590,211	100,446		489,765			590,211

	Project Financing			2019 Funding Sources					Total 2019 Funding
	Opening Under/ (Over) Financed	2019 Expenditure	Cumulative Under (Over) Financed	RDC Reserves	RDC Debentures	Other Reserves	Tax/Rate Supported Debentures	Grants, Third Party Recoveries	
08301 St Jacobs Upgrade		74,704	74,704	23,083		51,621			74,704
08305 Wastewater Treatment Upgrades		201,955	201,955	54,528		147,427			201,955
08307 Kitchener & Waterloo Infrastructure Upgrades		1,385,102	1,385,102	361,512		1,023,590			1,385,102
08308 Cambridge Infrastructure Upgrades		1,432,781	1,432,781	348,166		1,084,615			1,432,781
08309 Rural Infrastructure Upgrades		1,561,430	1,561,430	654,068		899,539		7,823	1,561,430
08310 Sewage PSs Infrastructure Upgrades		523,753	523,753	141,413		382,340			523,753
08316 Waterloo Expansion		178,223	178,223	147,842				30,381	178,223
08317 Baden/New Hamburg Expansion		6,924,717	6,924,717	1,704,717	3,650,000				5,354,717
08322 Cogeneration & Other Biosolids Upgrades		13,115,439	13,115,439		1,550,000	7,384,271			8,934,271

	Project Financing			2019 Funding Sources					Total 2019 Funding
	Opening Under/ (Over) Financed	2019 Expenditure	Cumulative Under (Over) Financed	RDC Reserves	RDC Debentures	Other Reserves	Tax/Rate Supported Debentures	Grants, Third Party Recoveries	
08323 Preston Treatment Upgrades		152,586	152,586	(14,601)		(66,068)		233,255	152,586
08324 Southern Ayr Wastewater System		37,490	37,490	37,490					37,490
08327 Wastewater Asset Management		187,802	187,802	50,707		137,095			187,802
08328 Kitchener WWTP Influent Channel Twinning	(230,733)	2,184,823	1,954,090	396,311		1,557,779			1,954,090
08329 Spring Valley PS Upgrades	(59,640)	179,944	179,944	48,585		131,359			179,944
08331 Biosolids Class EA		61,839	61,839	16,696		45,143			61,839
08332 Wastewater Asset Management Systems		475,133	475,133	128,286		346,847			475,133
08750 Rural Water Quality Program		250,000	250,000	67,500		182,500			250,000
<b>TOTAL WATER &amp; WASTEWATER</b>	<b>(290,373)</b>	<b>69,112,918</b>	<b>68,822,545</b>	<b>20,572,308</b>	<b>5,200,000</b>	<b>36,933,624</b>	<b>0</b>	<b>365,447</b>	<b>63,071,379</b>

	Project Financing			2019 Funding Sources					Total 2019 Funding
	Opening Under/ (Over) Financed	2019 Expenditure	Cumulative Under (Over) Financed	RDC Reserves	RDC Debentures	Other Reserves	Tax/Rate Supported Debentures	Grants, Third Party Recoveries	
<b>WATERLOO REGIONAL POLICE</b>									
50004 Police Vehicles - Growth		101,333	101,333	38,652		62,681			101,333
50022 Replacement of North Division		10,027	10,027	4,011		6,016			10,027
50043 Investigative Services Renovation	(1,896)	87,064	85,168	15,236		69,932			85,168
50045 WRPS Voice Radio Infrastructure	(870,134)		(870,134)	(870,134)					(870,134)
50052 Headquarters Parking Upgrades		15,855	15,855	6,500					6,500
50060 Police Furniture - Growth		17,656	17,656	17,656					17,656
50061 Police Equipment - Growth		170,994	170,994	170,994					170,994
<b>TOTAL WATERLOO REGIONAL POLICE</b>	<b>(872,030)</b>	<b>402,929</b>	<b>(469,101)</b>	<b>(617,085)</b>	<b>0</b>	<b>138,629</b>	<b>0</b>	<b>0</b>	<b>(478,456)</b>

	Project Financing			2019 Funding Sources					
	Opening Under/ (Over) Financed	2019 Expenditure	Cumulative Under (Over) Financed	RDC Reserves	RDC Debentures	Other Reserves	Tax/Rate Supported Debentures	Grants, Third Party Recoveries	Total 2019 Funding
<b>PARAMEDIC SERVICES</b>									
82007 EMS Station - East Waterloo/Breslau	(230,059)	15,174	(214,885)		(193,397)		(21,488)		(214,885)
82019 EMS Station - Master Plan HQ North and stn replacements	1,577,896	13,094,888	14,672,784		450,000		14,764,885		15,214,885
82024 Vehicle New - Ambulance Master Plan		313,561	313,561	150,509		163,052			313,561
82032 Vehicle New - ERU Master Plan		61,305	61,305	55,175		6,130			61,305
82033 Vehicle New - Admin Master Plan		122,336	122,336	110,102		12,234			122,336
<b>TOTAL PARAMEDIC SERVICES</b>	<b>1,347,837</b>	<b>13,607,264</b>	<b>14,955,101</b>	<b>315,786</b>	<b>256,603</b>	<b>181,417</b>	<b>14,743,397</b>	<b>0</b>	<b>15,497,202</b>

	Project Financing			2019 Funding Sources					Total 2019 Funding
	Opening Under/ (Over) Financed	2019 Expenditure	Cumulative Under (Over) Financed	RDC Reserves	RDC Debentures	Other Reserves	Tax/Rate Supported Debentures	Grants, Third Party Recoveries	
<b>GENERAL GOVERNMENT</b>									
22021 Sub-Watershed Studies		238,447	238,447	238,447					238,447
22007 Municipal Comprehensive Review		318,008	318,008	286,207		31,801			318,008
60005 RDC By Law Review		187,290	187,290	168,561		18,729			187,290
<b>TOTAL GENERAL GOVERNMENT</b>		<b>743,745</b>	<b>743,745</b>	<b>693,215</b>	<b>0</b>	<b>50,530</b>	<b>0</b>	<b>0</b>	<b>743,745</b>
<b>OPERATIONS</b>									
50045, 66067, 90109 Waterloo Regional Voice Radio System	(3,062,237)	6,931,952	3,869,715	1,836,382				657,087	2,493,469
90076 Kitchener Transit Terminal Security		52,811	52,811	20,596		32,215			52,811
<b>TOTAL OPERATIONS</b>	<b>(3,062,237)</b>	<b>6,984,763</b>	<b>3,922,526</b>	<b>1,856,978</b>	<b>0</b>	<b>32,215</b>	<b>0</b>	<b>657,087</b>	<b>2,546,280</b>
<b>TRANSIT</b>									
66029 iXpress Station Development		590,838	590,838	45,495		249,924		295,419	590,838

	Project Financing			2019 Funding Sources					Total 2019 Funding
	Opening Under/ (Over) Financed	2019 Expenditure	Cumulative Under (Over) Financed	RDC Reserves	RDC Debentures	Other Reserves	Tax/Rate Supported Debentures	Grants, Third Party Recoveries	
66071 Advanced Transit Technology		314,314	314,314	28,288		286,026			314,314
66079 Northfield Drive Construction	427,436	626,351	1,053,787	244,277		0		313,175	557,452
66088 Cambridge Centre Terminal		17,277	17,277	6,738		10,539			17,277
66090 UW Transit Plaza	(985,765)	1,078,963	93,198	210,398				789,482	999,880
66092 Fairview Mall Terminal	(2,725,712)	3,056,603	330,891	1,192,074				(196,951)	995,123
66093 Blockline Station	447	59,904	60,351	23,363					23,363
66095 Conestoga College Terminal		501,813	501,813	195,707					195,707
66121 Sunrise Centre Transit Facility	119,946	36,236	156,182	14,132					14,132
66138 Miscellaneous Property Acquisitions	1,687,389	1,077,974	2,765,363	269,493			2,035,000		2,304,493
68024 Stage 2 Environmental Assessment		810,097	810,097	202,524					202,524
<b>TOTAL TRANSIT</b>	<b>(1,476,259)</b>	<b>8,170,370</b>	<b>6,694,111</b>	<b>2,432,489</b>	<b>0</b>	<b>546,489</b>	<b>2,035,000</b>	<b>1,201,125</b>	<b>6,215,103</b>

	Project Financing			2019 Funding Sources					Total 2019 Funding
	Opening Under/ (Over) Financed	2019 Expenditure	Cumulative Under (Over) Financed	RDC Reserves	RDC Debentures	Other Reserves	Tax/Rate Supported Debentures	Grants, Third Party Recoveries	
<b>WASTE MANAGEMENT</b>									
01104 Cambridge Transfer Building Upgrade		1,236,247	1,236,247	133,515			1,280,000		1,413,515
01192 Waterloo Transfer Station Upgrade		252,615	252,615	27,282			404,000		431,282
<b>TOTAL WASTE MANAGEMENT</b>		<b>1,488,862</b>	<b>1,488,862</b>	<b>160,797</b>	<b>0</b>	<b>0</b>	<b>1,684,000</b>	<b>0</b>	<b>1,844,797</b>