CITY OF CLARENCE-ROCKLAND DEVELOPMENT-RELATED CAPITAL PROGRAM FIRE SERVICES

				Gross	Gr	ants/		Net	Ineligi	ble (Costs		Total			DC E	ligible Cost	5	
Project Des	cription	Timing				ies/Other	- I	Municipal	BTE		Replacement		DC Eligible		vailable		2019-		Post
				Cost	Reco	overies		Cost	(%)	8	& BTE Shares		Costs	DC	Reserves		2028		2028
1.0 FIRE SERVIO	CES																		
1.1 Recove	ery of Negative Reserve Fund	2019	\$	813,888	\$	-	\$	813,888	0%	\$	-	\$	813,888	\$	-	\$	813,888	\$	-
1.2 Buildin	igs, Land & Furnishings																		
1.2.1	Rockland Expansion - Construction	2019	\$	2,753,040	\$	-	\$	2,753,040	26%	\$	715,790	\$	2,037,250	\$	-	\$	500,000	\$	1,537,250
1.2.2	Bourget Replacement - Construction	2019	\$	1,978,429	\$	-	\$	1,978,429	26%	\$	514,392	\$	1,464,037	\$	-	\$	266,203	\$	1,197,835
1.2.3	Bourget Training Centre	2020	\$	1,500,000	\$	-	\$	1,500,000	50%	\$	750,000	\$	750,000	\$	-	\$	-	\$	750,000
1.2.4	New Station 4 - Land Acquisition	2028	\$	400,000	\$	-	\$	400,000	0%	\$	-	\$	400,000	\$	-	\$	-	\$	400,000
1.2.5	New Station 4 - Design	2028	\$	200,000	\$	-	\$	200,000	0%	\$	-	\$	200,000	\$	-	\$	-	\$	200,000
1.2.6	New Station 4 - Construction	2028	\$	3,000,000	\$	-	\$	3,000,000	0%	\$	<u> </u>	<u>\$</u>	3,000,000	\$	-	\$	-	\$	3,000,000
	Subtotal Buildings, Land & Furnishings		\$	9,831,469	\$	-	\$	9,831,469		\$	1,980,182	\$	7,851,287	\$	-	\$	766,203	\$	7,085,084
1.3 Vehicle																			
1.3.1	Command Vehicle	2019	\$		\$	-	\$	65,000	0%	\$	-	\$	65,000	-	-	\$	-	\$	65,000
1.3.2	Rehab & Decontamination Unit	2021 2026	\$	450,000 280,000		-	\$	450,000 280,000	0% 0%	\$ \$	-	\$	450,000 280,000		-	\$ \$	-	\$ \$	450,000 280,000
1.3.3	Additional Tanker - Station 4		\$		\$	-	\$ \$			ծ Տ	-	\$ ¢		е Э	-		-	е Э	
1.3.4	Additional Pumper - Station 4 Subtotal Vehicles	2028	<u>\$</u> \$	600,000 1,395,000	<u>\$</u>		\$ \$	600,000 1,395,000	0%	<u>*</u>		<u>></u> \$	600,000 1,395,000	\$ ¢	-	<u>\$</u> \$		<u>»</u> \$	600,000 1,395,000
	Subtotal Venicles		¢	1,395,000	Э		Þ	1,395,000		Ф	-	ф	1,395,000	Ф	-	¢	-	¢	1,395,000
	nent & Studies SCBA - Station 4		\$	100,000															
1.4.1	Extrication Tools - Station 4	2028	э \$	50,000	\$	-	\$	100,000	0%	\$	-	\$	100,000		-	\$	-	\$	100,000
1.4.2	Compressor & Fill Station - Station 4	2028			\$	-	\$	50,000	0%	\$	-	\$ ¢	50,000		-	\$	-	\$	50,000
1.4.3	Fire Master Plan	2028	\$,	\$	-	\$	55,000	0%	\$	-	\$ ¢	55,000	ф Ф	-	\$	-	\$	55,000
1.4.4	Fire Master Plan Subtotal Equipment & Studies	2027	<u>\$</u> \$	125,000 330,000	<u>\$</u> \$		<u>\$</u> \$	125,000 330.000	0%	<u>\$</u> \$		\$ \$	125,000 330,000	\$ ¢	-	<u>\$</u> \$		\$ \$	125,000 330,000
			Ф	JJU,000	φ	-	Ф	330,000		φ	-	φ	JJU,000	φ	-	Ф	-	φ	330,000
TOTAL FIRE	SERVICES		\$	12,370,357	\$	-	\$	12,370,357		\$	1,980,182	\$	10,390,175	\$	-	\$	1,580,091	\$	8,810,084

Residential Development Charge Calculation		
Residential Share of 2019 - 2028 DC Eligible Costs	88%	\$1,390,480
10-Year Growth in Population in New Units		4,507
Unadjusted Development Charge Per Capita		\$308.52
Non-Residential Development Charge Calculation		
Non-Residential Share of 2019 - 2028 DC Eligible Costs	12%	\$189,611
10-Year Growth in Square Metres		30,500
Unadjusted Development Charge Per Square Metre		\$6.22

2019 - 2028 Net Funding Envelope	\$1,580,091
Reserve Fund Balance Balance as at December 31, 2018	(\$813,888)

CITY OF CLARENCE-ROCKLAND DEVELOPMENT-RELATED CAPITAL PROGRAM PUBLIC WORKS

			Gross		Grants/		Net	Ineligit	ole C	osts		Total			DC E	ligible Costs	5	
Project Des	scription	Timing			idies/Othe	r	Municipal	BTE		eplacement	D	C Eligible		Available		2019-		Post
			Cost	Re	coveries		Cost	(%)	ă.	BTE Shares		Costs	DC	Reserves		2028		2028
5.0 PUBLIC WO	RKS																	
5.1 Buildin	ngs																	
5.1.1	Snow Dump (including Land) - Rockland	2019	\$ 1,459,835	\$	-	\$	1,459,835	50%	\$	729,918	\$	729,918	\$	137,317	\$	592,601	\$	-
5.1.2	Snow Dump (including Land) - Bourget	2020	\$ 600,000	\$	-	\$	600,000	50%	\$	300,000	\$	300,000	\$	-	\$	300,000	\$	-
5.1.3	Garage Renovation and Expansion	2021	\$ 1,300,000	\$	-	\$	1,300,000	50%	\$	650,000	\$	650,000	\$	-	\$	256,309	\$	393,691
	Subtotal Buildings		\$ 3,359,835	\$	-	\$	3,359,835		\$	1,679,918	\$	1,679,918	\$	137,317	\$	1,148,910	\$	393,691
5.2 Fleet &	a Equipment																	
5.2.1	Compactor	2019	\$ 20,000	\$	-	\$	20,000	0%	\$	-	\$	20,000	\$	20,000	\$	-	\$	-
5.2.2	Line Painting Machine	2019	\$ 36,000	\$	-	\$	36,000	50%	\$	18,000	\$	18,000	\$	18,000	\$	-	\$	-
5.2.3	Sidewalk Machine	2021	\$ 150,000	\$	-	\$	150,000	0%	\$	-	\$	150,000	\$	-	\$	150,000	\$	-
5.2.4	Tandem	2023	\$ 350,000	\$		\$	350,000	0%	\$	-	\$	350,000	\$	-	\$	-	\$	350,000
5.2.5	Maintenance Equipment	Various	\$ 225,000	\$	-	\$	225,000	0%	\$	-	\$	225,000	\$	-	\$	112,500	\$	112,500
5.2.6	Support Vehicles	Various	\$ 290,000	\$		\$	290,000	0%	\$		\$	290,000	\$	-	\$	145,000	\$	145,000
	Subtotal Fleet & Equipment		\$ 1,071,000	\$	-	\$	1,071,000		\$	18,000	\$	1,053,000	\$	38,000	\$	407,500	\$	607,500
TOTAL PUB	LIC WORKS		\$ 4,430,835	\$	-	\$	4,430,835		\$	1,697,918	\$	2,732,918	\$	175,317	\$	1,556,410	\$	1,001,191

Residential Development Charge Calculation		
Residential Share of 2019 - 2028 DC Eligible Costs	88%	\$1,369,641
10-Year Growth in Population in New Units		4,507
Unadjusted Development Charge Per Capita		\$303.89
Non-Residential Development Charge Calculation		
Non-Residential Share of 2019 - 2028 DC Eligible Costs	12%	\$186,769
10-Year Growth in Square Metres		30,500
Unadjusted Development Charge Per Square Metre		\$6.12

2019 - 2028 Net Funding Envelope	\$1,556,410
Reserve Fund Balance Balance as at December 31, 2018	\$175,317

CITY OF CLARENCE-ROCKLAND DEVELOPMENT-RELATED CAPITAL PROGRAM ROADS AND RELATED

					Timing			Est	timated Project Co	sts	
NO.	Infrastructure Requirement	Description / Remarks	Limits	Term	From	То	Gross Cost	Benefit to Existing Share	Other Contributions	Post Period Allocation ¹	Net Growth- Related
City-	Wide Roads Projects	·	·								
Cycli	ing										
1		5 5	Between the David Street in the north and Baseline Road in the south.	Mid-Term	2024 -	2028	\$583,000	\$291,500	\$0	\$0	\$291,500
2	Laurier Street		Between Richelieu Street in the west, and Heritage Drive in the east	Short-Term	2019 -	2023	\$616,000	\$308,000	\$0	\$0	\$308,000
3	Laurier Street		Between Heritage Drive in the west and County Road 17 in the east	Short-Term	2019 -	2023	\$408,000	\$204,000	\$0	\$0	\$204,000
4	Sterling Avenue Extension		Between Platinum Drive in the north and Poupart Road Extension in the south.	Short-Term	2019 -	2023	\$347,000	\$0	\$0	\$0	\$347,000
Multi	-Use Path										
5	New Roadway	, ,	Between Caron Street in the east and St. Jean Street in the west.	Short-Term	2019 -	2023	\$612,000	\$0	\$0	\$0	\$612,000
6	Poupart Road		Between Richelieu Street in the north and St. Jean Street in the east.	Short-Term	2019 -	2023	\$744,000	\$0	\$0	\$0	\$744,000
7	St. Jean Street		Between Docteur Corbeil Boulevard in the north and Poupart Road in the south on the east side of the roadway.	Short-Term	2019 -	2023	\$262,000	\$0	\$0	\$0	\$262,000
8	Bridewater Pedestrian Bridge				2019 -	2019	\$1,500,000	\$0	\$0	\$858,267	\$641,733
9	Clarence Crossing Multi Use Path				2021 -	2026	\$600,000	\$150,000	\$0	\$0	\$450,000

CITY OF CLARENCE-ROCKLAND DEVELOPMENT-RELATED CAPITAL PROGRAM ROADS AND RELATED

					Timing		Es	timated Project Co	sts			
NO.	Infrastructure Requirement	Description / Remarks	Limits	Term	From To	Gross Cost	Benefit to Existing Share	Other Contributions	Post Period Allocation ¹	Net Growth- Related		
City-	ity-Wide Roads Projects											
Road	adway											
10	Green Avenue	Extension of Green Avenue to Caron Street.	Between existing extent of Green Avenue in the east to connect with the Docteru Corbeil Boulevard / Caron Street intersection in the west.	Mid-Term	2024 - 2028	\$942,000	\$0	\$0	\$538,992	\$403,008		
11	Poupart Road & St. Jean Street	Road widening from two lanes to four. Will include a multi-use pathway on the north side of the roadway.	Between Laurier Street in the north and St. Jean Street in the east.	Short-Term	2019 - 2023	\$9,900,000	\$0	\$0	\$5,664,565	\$4,235,435		
12		New Roadway Construction. Will include will include a multi-use pathway on the north side of the roadway and a pedestrian sidewalk on the south side.	Between Caron Street in the east and St. Jean Street in the west.	Short-Term	2019 - 2023	\$5,293,000	\$0	\$0	\$3,028,540	\$2,264,460		
13		Extension of Sterling Avenue with painted bike lanes and sidewalks on boths sides of the road.	Between Platinum Drive in the north and Poupart Road Extension in the south.	Short-Term	2019 - 2023	\$1,884,000	\$0	\$0	\$1,077,984	\$806,016		
14	Est Rockland East (Laurier - County Rd. 17)		Short-Term	2019 - 2023	\$120,000	\$0	\$0	\$68,661	\$51,339			
Pede	strian (Sidewalk)											
15	Poupart Road	Sidewalk on one side of the street.	Between St Jean Street In The East To Richelieu Street In The West	Mid-Term	2024 - 2028	\$530,000	\$0	\$0	\$0	\$530,000		
16	Laurier Street	Add sidewalk on the other side of the street so that both sides of the road have a sidewalk.	Between Clarence Rockland Veterinary Hospital On The East To Poupart Road In The West	Short-Term	2019 - 2023	\$112,000	\$56,000	\$0	\$0	\$56,000		
17	Sterling Avenue	Add sidewalk on the other side of the street so that both sides of the road have a sidewalk.	Between Silver Lane In The North To Docteur Corbeil Boulevard In The South	Short-Term	2019 - 2023	\$144,000	\$72,000	\$0	\$0	\$72,000		
18	New Roadway	Sidewalk on one side of the street.	Between St. Jean Street in the West and Caron Street in the East on the south side of the roadway.	Short-Term	2019 - 2023	\$525,000	\$0	\$0	\$0	\$525,000		
19	Sterling Avenue Extension	Sidewalk on both sides of the street.	Between Platinum Drive In The North And Poupart Road Extension In The South.	Short-Term	2019 - 2023	\$417,000	\$0	\$0	\$0	\$417,000		
Inter	section											
20	Poupart Road	Planned Roundabout	At St. Jean Street and Docteur Corbeil Boulevard.	Mid-Term	2024 - 2028	\$1,150,000	\$0	\$0	\$658,005	\$491,995		
21	Poupart Road	Planned Roundabout	At the intersection of Poupart Road and St. Jean Street.	Short-Term	2019 - 2023	\$1,150,000	\$0	\$0	\$658,005	\$491,995		
22	Poupart Road	Planned Roundabout	At the future intersection of St. Jean and the new east-west roadway servicing the new subdivision.	Short-Term	2019 - 2023	\$1,150,000	\$0	\$0	\$658,005	\$491,995		
23	Carmen Bergeron Street	Upgrade existing stop-controlled intersection to a Signalized Intersection.	At Carmen Bergeron Street and Richelieu Street.	Short-Term	2019 - 2023	\$345,000	\$0	\$0	\$197,402	\$147,598		
24	Richelieue Street	Upgrade existing stop-controlled intersection to a Signalized Intersection.	At Richelieu Street and Poupart Road.	Short-Term	2019 - 2023	\$345,000	\$0	\$0	\$197,402	\$147,598		
25	Traffic Light	De la Berge street /Laurier/chemin de comté			2021 - 2021	\$450,000	\$225,000	\$0	\$128,740	\$96,260		
Stud	ies											
26	Servicing Study Update				2023 - 2023	\$150,000	\$30,000	\$0	\$0	\$120,000		
27	Master Transportation Study				2027 - 2028	\$200,000	\$40,000	\$0	\$0	\$160,000		
28	Provison for other Development-Related Studies				2019 - 2028	\$150,000	\$0	\$0	\$0	\$150,000		
Tota	I Roads Projects: 2019-2028					\$30,629,000	\$1,376,500	\$0	\$13,734,568	\$15,517,932		

Notes

1) The post period allocation are based on share of household growth to 2041. The post-period share is:
2) Available DC Reserve Funds have been accounted for through the cash flow analysis

57%

CITY OF CLARENCE-ROCKLAND SUMMARY OF UNADJUSTED RESIDENTIAL AND NON-RESIDENTIAL DEVELOPMENT CHARGES ROADS AND RELATED 2019-2028

10-Year Growth in Population in New Units	4,507
Employment Growth	610
10-Year Growth in Square Meters	30,500

		De	evelopment-Related	d Capital Forecas	st					
	Gross Project Cost	Benefit to Existing Share	Other Contributions	Available DC Reserves	Post Period Allocation	Total Net Capital Costs After Discount		sidential Share		esidential hare
	(\$000)	(\$000)	(\$000)	(\$000)	(\$000)	(\$000)	%	\$000	%	\$000
ROADS AND RELATED 2019-2028										
City-Wide Roads Projects	\$30,629.00	\$1,376.50	\$0.00	\$1,380.01	\$13,734.57	\$14,137.92	88%	\$12,441.37	12%	\$1,696.55
TOTAL ROADS AND RELATED 2019-2028	\$30,629.00	\$1,376.50	\$0.00	\$1,380.01	\$13,734.57	\$14,137.92		\$12,441.37		\$1,696.55
Unadjusted Development Charge Per Capita (\$)								\$2,760.46		
Unadjusted Development Charge Per Sq. M. (\$)										\$55.62

CITY OF CLARENCE-ROCKLAND DEVELOPMENT-RELATED CAPITAL PROGRAM WATERWORKS

		Ti	min	g			Est	imated Project (Costs	
NO.	Infrastructure Requirement	From	-	То	Gross	s Cost	Benefit to Existing Share	Direct Developer Contribution	Post Period Allocation	Net Growth- Related
City-wi	de Water Projects									
1	Rockland WTP Capacity Expansion	2026	-	2026	\$10,	172,000	\$0	\$0	\$7,137,501	\$3,034,499
2	Replace Transmission Main - Pressure Zone 1 - WTP Discharge	2026	-	2026	\$	514,000	\$169,620	\$0	\$241,645	\$102,735
3	Mtée Poupart (St-Jean - End) Asphalt Wal-Mart	2019	-	2019	\$	125,000	\$0	\$0	\$0	\$125,000
4	St-Jean (Patricia-Jérome Corbeil loop)	2019	-	2019		\$43,000	\$0	\$0	\$0	\$43,000
5	Est-Ouest/East-West Corridor (Caron - St-Jean)	2020	-	2020	\$	150,000	\$0	\$0	\$0	\$150,000
6	Est-Ouest/East-West Corridor (Caron - 400m East)	2022	-	2022		\$30,000	\$0	\$0	\$0	\$30,000
7	Rockland East (Laurier - County Road 17)	2019	-	2019		\$30,000	\$0	\$0	\$0	\$30,000
Studies										
8	Water Treatment Plant Capacity Study	2019	-	2019	\$	500,000	\$0	\$0	\$0	\$500,000
9	Provison for other Development-Related Studies	2019	-	2028	\$	150,000	\$0	\$0	\$0	\$150,000
Subtota	al City-wide Water Projects				\$11,	714,000	\$169,620	\$0	\$7,379,146	\$4,165,234
		5								
Pressu	re Zone-Specific Water Projects									
Pressu	re Zone 1 (Rockland) - Water Projects									
10	Honeywell Sub (Water Plant to 17) Oversizing	2023	-	2028		\$60,000	\$0	\$0	\$0	\$60,000
11	New Watermain - Pressure Zone 1 - St. Jean St.	2019	-	2019		\$50,000	\$0	\$0	\$0	\$50,000
		•					•	·	•	
Pressu	re Zone 2 (Villages) - Water Projects									
12	Caron Booster Station Capacity Expansion	2025	-	2025	\$1,	177,000	\$0	\$0	\$916,135	\$260,865
13	New Transmission Mains - Pressure Zones 1 and 2 - Caron Booster Station	2019	-	2019	\$3,	,841,000	\$1,267,530	\$0	\$2,003,097	\$570,373
Subtota	al Pressure Zone-Specific Water Projects				\$5,	128,000	\$1,267,530	\$0	\$2,919,231	\$941,239

Note:* Available DC Reserve Funds have been accounted for through the cash flow analysis

CITY OF CLARENCE-ROCKLAND SUMMARY OF UNADJUSTED RESIDENTIAL AND NON-RESIDENTIAL DEVELOPMENT CHARGES WATERWORKS 2019-2028

10-Year Growth in Population in New Units	4,507
Employment Growth	610
10-Year Growth in Square Meters	30,500

Development-Related Capital Forecast									
Gross Project Cost	Benefit to Existing Share	Direct Developer Contributions	Available DC Reserves	Post Period Allocation	Total Net Capital Costs After Discount	Residential Share		Non-Residential Share	
(\$000)	(\$000)	(\$000)	(\$000)	(\$000)	(\$000)	%	\$000	%	\$000
A () - () A A	* 4 * * *	* • • • •	• • • • • • •			000/	AA AT 4 5	1001	* 4 4 6 6 -
\$11,714.00	\$169.62	\$0.00	\$448.01	\$7,379.15	\$3,717.22	88%	\$3,271.15	12%	\$446.07
\$5,128.00	\$1,267.53	\$0.00	\$0.00	\$2,919.23	\$941.24	88%	\$828.29	12%	\$112.95
\$16,842.00	\$1,437.15	\$0.00	\$448.01	\$10,298.38	\$4,658.46		\$4,099.45		\$559.02
							\$909.57		
									\$18.33
	Project Cost (\$000) \$11,714.00 \$5,128.00	Gross Benefit to Existing Project Cost (\$000) Share (\$000) \$11,714.00 \$169.62 \$5,128.00 \$1,267.53	Gross Project Cost (\$000)Benefit to Existing Share (\$000)Direct Developer Contributions (\$000)\$11,714.00\$169.62\$0.00\$5,128.00\$1,267.53\$0.00	Gross Project Cost (\$000)Benefit to Existing Share (\$000)Direct Developer Contributions (\$000)Available DC Reserves (\$000)\$11,714.00\$169.62\$0.00\$448.01\$5,128.00\$1,267.53\$0.00\$0.00	Gross Project Cost (\$000)Benefit to Existing 	Benefit Direct Available Post Net Capital Gross to Existing Developer DC Period Costs After Project Cost Share Contributions Reserves Allocation Discount (\$000) (\$000) (\$000) (\$000) \$3,717.22 \$11,714.00 \$169.62 \$0.00 \$448.01 \$7,379.15 \$3,717.22 \$5,128.00 \$1,267.53 \$0.00 \$0.00 \$2,919.23 \$941.24	Gross Gross (\$000)Benefit to Existing Share (\$000)Direct Developer Contributions (\$000)Available DC Reserves (\$000)Post Period Allocation (\$000)Total Net Capital Costs After Discount (\$000)\$11,714.00\$169.62\$0.00\$448.01\$7,379.15\$3,717.2288% \$5,128.00\$5,128.00\$1,267.53\$0.00\$0.00\$2,919.23\$941.2488%	Benefit Gross Direct to Existing (\$000) Direct Developer (\$000) Available DC (\$000) Post Period (\$000) Total Net Capital Costs After Discount (\$000) Residential Share \$11,714.00 \$169.62 \$0.00 \$448.01 \$7,379.15 \$3,717.22 88% \$3,271.15 \$5,128.00 \$1,267.53 \$0.00 \$0.00 \$2,919.23 \$941.24 88% \$828.29 \$16,842.00 \$1,437.15 \$0.00 \$448.01 \$10,298.38 \$4,658.46 \$4,099.45	Benefit Gross Direct to Existing (\$000) Direct Developer (\$000) Available DC (\$000) Post Period (\$000) Not Capital Costs After Discount (\$000) Residential Share Non-R Share \$11,714.00 \$169.62 \$0.00 \$448.01 \$7,379.15 \$3,717.22 88% \$3,271.15 12% \$5,128.00 \$11,267.53 \$0.00 \$0.00 \$2,919.23 \$941.24 88% \$828.29 12% \$16,842.00 \$1,437.15 \$0.00 \$448.01 \$10,298.38 \$4,658.46 \$4,099.45

Note: As many of the works are being designed to benefit growth both in this period and beyond the 10-year planning period, a share of the costs are considered to be recovered from future DCs outside this planning period

CITY OF CLARENCE-ROCKLAND DEVELOPMENT-RELATED CAPITAL PROGRAM SANITARY SEWAGE

		Timing				Estimate	Estimated Project Costs					
NO.	Infrastructure Requirement	From	- То	Gross Cost	Benefit to Existing Share		Direct Developer Contribution	Post Period Allocation	Net Growth- Related			
City-wide	ity-wide Sanitary Sewer Projects											
1	Rockland WPCP Capacity Expansion	2023	- 2023	\$9,660,000	0%	\$0	\$0	\$4,817,237	\$4,842,763			
2	Rockland WPCP Headworks Upgrade	2020	- 2020	\$11,233,000	34%	\$3,819,220	\$0	\$5,681,138	\$1,732,642			
3	Sanitary Pump Station #1 Expansion	2024	- 2024	\$2,419,000	34%	\$822,460	\$0	\$1,399,200	\$197,340			
4	New Sanitary Pump Station #7 Construction	2019	- 2019	\$1,100,736	0%	\$0	\$1,100,736	\$0	\$0			
5	New Sanitary Sewer to Pump Station #7	2019	- 2019	\$141,780	0%	\$0	\$141,780	\$0	\$0			
6	New Sanitary Pump Station #9	2019	- 2019	\$5,078,261	0%	\$0	\$5,078,261	\$0	\$0			
7	New Sanitary Sewer to Pump Station #9	2019	- 2019	\$624,525	0%	\$0	\$624,525	\$0	\$0			
8	Replace Sanitary Sewers - Laurier Trunk Sewers Phases 1 and 2	2019	- 2019	\$1,439,000	43%	\$618,770	\$0	\$779,263	\$40,967			
9	Replace Sanitary Sewers - Laurier Trunk Sewer to Pump Station #1	2023	- 2023	\$3,698,000	43%	\$1,590,140	\$0	\$2,002,582	\$105,278			
10	Mtée Poupart (St-Jean - End Asphalt W-Mart)	2019	- 2019	\$228,000	0%	\$0	\$0	\$0	\$228,000			
11	St-Jean (Dr. Corbeil-Mtée Poupart)	2019	- 2019	\$207,000	0%	\$0	\$0	\$0	\$207,000			
12	Est-Ouest Corridor East-West (Caron - St-Jean)	2020	- 2020	\$400,000	0%	\$0	\$0	\$0	\$400,000			
13	Nord-sud/North South Collector (+-Sterling to East -West Collector)	2019	- 2019	\$104,000	0%	\$0	\$0	\$0	\$104,000			
14	Est-Ouest Corridor EastWest (Caron - 400m East)	2022	- 2022	\$80,000	0%	\$0	\$0	\$0	\$80,000			
15	Gestion Bio Solids Management	2019	- 2019	\$1,578,000	40%	\$631,200	\$0	\$340,848	\$605,952			
16	Laurier Phase II	2019	- 2019	\$397,000	65%	\$258,050	\$0	\$0	\$138,950			
17	Clarence Creek Sanitary Siphon Crossing	2021	- 2021	\$350,000	0%	\$0	\$0	\$0	\$350,000			
Studies												
18	Sanitary System Master Plan	2019	- 2019	\$300,000	0%	\$0	\$0	\$0	\$300,000			
19	Provison for other Development-Related Studies	2019	- 2028	\$150,000	0%	\$0	\$0	\$0	\$150,000			
Subtotal City-wide Sanitary Sewer Projects				\$39,188,302		\$7,739,840	\$6,945,302	\$15,020,268	\$9,482,892			

Note:* Available DC Reserve Funds have been accounted for through the cash flow analysis

CITY OF CLARENCE-ROCKLAND SUMMARY OF UNADJUSTED RESIDENTIAL AND NON-RESIDENTIAL DEVELOPMENT CHARGES SANITARY SEWAGE 2019-2028

10-Year Growth in Population in New Units	4,507
Employment Growth	610
10-Year Growth in Square Meters	30,500

	Development-Related Capital Forecast									
	Gross Project Cost	Benefit to Existing Share	Direct Developer Contributions	Available DC Reserves	Post Period Allocation	Total Net Capital Costs After Discount	Residential Share		Non-Residential Share	
	(\$000)	(\$000)	(\$000)	(\$000)	(\$000)	(\$000)	%	\$000	%	\$000
SANITARY SEWAGE 2019-2028										
City-wide Sanitary Sewer Projects	\$39,188.30	\$7,739.84	\$6,945.30	\$2,914.96	\$15,020.27	\$6,567.93	88%	\$5,779.78	12%	\$788.15
TOTAL SANITARY SEWAGE 2019-2028	\$39,188.30	\$7,739.84	\$6,945.30	\$2,914.96	\$15,020.27	\$6,567.93		\$5,779.78		\$788.15
Unadjusted Development Charge Per Capita (\$)								\$1,282.40		
Unadjusted Development Charge Per Sq. M. (\$)										\$25.84

Note: As many of the works are being designed to benefit growth both in this period and beyond the 10-year planning period, a share of the costs are considered to be recovered from future DCs outside this planning period