

#### **SPECIAL COUNCIL MEETING AGENDA**

Held on Friday, October 23, 2020 at 9:00 AM Via Telephone and Video Conference

#### Teleconference Toll Free Number – 1-833-311-4101 Access Code: 132 629 9618

1.	Call Meeting to Order
2.	Disclosure of Pecuniary Interest & General Nature Thereof
3.	Public Question/Comment (Only Addressing Reports on the Agenda)
4.	Presentation of Water / Wastewater Operating Budget and Rates
	Melanie Kirkby, Treasurer
	Council-FIN-2020-38 – 2021 Water and Wastewater Operating and Capital Budget
	Don Richards, Superintendent of Water / Wastewater
	Utilities Division Budget Presentation
5.	Questions from the Media
6.	Confirmation By-law
	By-law No. 2020-118 – Confirm the proceedings of Council for the meeting held on Friday, October 23, 2020 (3 Readings)
7.	Next Meeting – Tuesday, November 3, 2020
8.	Adjournment



Date: October 23, 2020 □ IN CAMERA

Subject: 2021 Water and Wastewater Operating and Capital Budget

Author: Melanie Kirkby, Treasurer 

OPEN SESSION

#### **RECOMMENDATION:**

BE IT RESOLVED THAT THE COUNCIL OF THE TOWN OF GANANOQUE READS BY-LAW NO. 2020-115, A FIRST AND SECOND TIME ON OCTOBER 23, 2020, BEING A BY-LAW TO ADOPT THE 2021 WATER AND WASTEWATER RATES, OPERATING AND CAPITAL BUDGETS.

AND FURTHER, THAT BY-LAW NO. 2020-115, BE CONSIDERED AND READ A THIRD TIME FOR FINAL PASSAGE ON NOVEMBER 3, 2020, AS PRESENTED IN REPORT COUNCIL-FIN-2020-38.

#### **STRATEGIC PLAN COMMENTS:**

Sector 2 – Infrastructure / Environment – Strategic Initiative #1 – Assess the Town's current infrastructure to ensure sufficient capacity exists to support future growth.

Sector 3 – Financial Sustainability – Strategic Initiative #1 – Ensure that Gananoque is and remains an affordable place to do business and raise a family.

#### **BACKGROUND:**

The 2019 capital budget approved a Water / Wastewater Rate Study.

At the April 28, 2020 Council meeting, DFA (consulting firm) presented a report which was seeking feedback from Council regarding billing methodology and meter ratios. Council voted to change the rate structure to eliminate the flat rate operating fees for water and wastewater operating revenue. Council voted that starting in 2021, capital fees will be applied based on meter sizes, phasing in the AWWA meter ratios, over a 5-year term.

At the August 11, 2020 Council meeting, Council was presented the DFA Draft 2020 Water Rate Study. Council voted to defer accepting the study, and requested that the rates be redrafted to facilitate that the 5/8" residential water meters increase at an equal rate over the 5-year period of 2021-2025.

At the September 1, 2020 Council meeting, Council passed Motion #20-186, that Council receives and adopts in principal the 2020 Water Rate Study. Council also passed Motion #20-187, that Council approves the 2021-2026 Water Wastewater Financial Plan 156-301 for submission to the Province of Ontario for Water license renewal 2021.

The Town of Gananoque must apply to the Province to renew its license to provide Municipal drinking water by February 2021.

#### INFORMATION/DISCUSSION:

The 2021 water and wastewater operating and capital budgets are drafted in accordance with the 2020 rate study figures, as adopted in principal by Council Motion #20-186.

The 2021 operating budget is a 2.3% net increase over the 2020 operating budget. The revenues, as indicated in the rate analysis, provide a balanced operating budget. Staff do have concerns that with the reduced consumption, due to many business closures happening because of Covid-19, there may be a shortfall in 2021 Operating Revenues. Hopefully the increased consumption from the new condo projects will make up some of the lost revenues.

Over the 6 years, an additional \$600,000 in funding is required through grants, loans or additional draws from reserves, in order to balance the capital budgets with the capital flat rate fee projected revenues.

As per Council direction in Motion #20-079, beginning in 2021, operating budgets will be funded through consumption charges only. This is in an effort to simplify the billing process and make it more user friendly.

As per Council direction in Motion #20-080, beginning in 2021, capital user fees will be based on meter sizes instead of consumption levels. The 5-year phase in of the meter ratios to AWWA specifications will begin in 2021.

Attached are the draft 2020 Water and Wastewater Operating and Capital Budgets.

Attached are the projected average 2021 residential bill, based on the average 2019 consumption, as well as the average 2021 bills for the larger meters.

#### APPLICABLE POLICY/LEGISLATION:

Bill 175 Sustainable Water and Sewage Act, 2002 2021 Town of Gananoque Water License Renewal 5 Year Financial Plan 156-301

#### FINANCIAL CONSIDERATIONS:

2021 Water and Wastewater Rates, and;2021 Water and Wastewater Operating and Capital Budgets.

#### **CONSULTATIONS:**

Don Richards, Superintendent of Public Utilities Paul McMunn, Director of Public Works

#### **ATTACHMENTS:**

Average Residential Water Bill
Proposed Average Quarterly Utility Bill
Draft 2021 Water / Wastewater Budget and Rates By-law No. 2020-115
Draft 2021 Operating Budget
Draft 2021 Capital Budget
Budget Pie Charts
2020 Water Rate Study

# **APPROVAL**

#### Melanie Kirkby, Treasurer

Certifies that unless otherwise provided for in this report the funds are contained within the approved Budgets and that the financial transactions are in compliance with Council's own policies and guidelines and the *Municipal Act* and regulations.

Shellee Fournier, CAO

2020			Manthle	0	antarly.	2024	sidential bill					Monthly	0	arterly
2020 residential bill	an a mālaļu		Monthly	QL	апепу	2021 re	sidentiai bili		nonthly			Monthly	Qu	arterly
Matered Costs	monthly	rata				Metered	Conto		nonthly sumption	-	ate			
Metered Costs	consumption	rate				Meterec	Costs	COI	isumpuon	10	ale			
metred water	10.49	\$ 1.60	\$ 16.78	\$	50.35	metred	water		10.49	S	2 03	\$ 21.29	\$	63.88
metred water			\$ 16.78		50.35		wastewater		10.49	100		\$ 17.83		53.50
metred wastewater	10.40	Ψ 1.00	Ψ 10.10	Ψ	00.00	motrod	Hadiowaldi		10.10	*	1	Ψ 111.00	Ψ.	00.00
consumption charges			\$ 33.57	\$	100.70	consum	ption charges					\$ 39.13	\$	117.38
- constant													Ė	
Flat Rate Costs	quarterly					Flat Rat	e Costs		annual					
water	\$ 14.60		\$ 4.87	\$	14.60	water		\$	330.65			\$ 27.55	\$	82.66
wastewater	\$ 0.75		\$ 0.25		0.75	wastewa	ater	\$	541.64			\$ 45.14		135.41
capital investment	\$ 197.56		\$ 65.85	\$	197.56							\$ -	\$	-
					010.5									046.00
Subtotal Flat Rate Charges			\$ 70.97	\$	212.91	Subtota	I Flat Rate Char	ges				\$ 72.69	\$	218.07
Tatal			640454	•	242.04	T-4-1						C 111 DO	•	22F 40
Total			\$ 104.54	\$	313.61	Total						\$111.82	ф	335.46
						Quarter	ly Increase					\$ 21.84		7.0%
							Increase					\$ 7.28		7.0%
						Worthing	moreage					Ψ 1.20		7.070
2022 residential bill			Monthly	Qu	arterly	2023 re	sidential bill					Monthly	Qu	arterly
	monthly							r	nonthly					
Metered Costs	consumption	rate				Metered	Costs	cor	sumption	r	ate			
metred water			\$ 20.77		62.31	metred			10.49			\$ 20.04		60.11
metred wastewater	10.49	\$ 1.64	\$ 17.20	\$	51.61	metred	wastewater		10.49	\$	1.66	\$ 17.41	\$	52.24
			0 07 07	•	440.00		-ti					C 07.45	•	110.05
consumption charges			\$ 37.97	Þ	113.92	consum	ption charges					\$ 37.45	ф	112,35
Flat Rate Costs	annual					Elat Dat	te Costs		annual					
Flat Nate Costs	aiiiuai					r lat r\ai	le Cosis		ailiuai					
water	\$ 461.95		\$ 38.50	\$	115.49	water		\$	586.58			\$ 48.88	\$	146.65
wastewater	\$ 518.49		\$ 43.21			wastew	ater	\$	500.73			\$ 41.73	-	
	4 0,0110		\$ -	\$	-	i uoto ii						\$ -	\$	-
Subtotal Flat Rate Charges			\$ 81.70	\$	245.11	Subtota	I Flat Rate Char	ges				\$ 90.61	\$	271.83
								1						
Total			\$119.68	\$	359.03	Total						\$ 128.06	\$	384.18
					= 004							0.0511		7.00
Quarterly Increase			\$ 23.58		7.0%		ly Increase Increase					\$ 25.14 \$ 8.38		7.0% 7.0%
Monthly Increase			\$ 7.86		7.0%									

Pr	oposed A	∖ \verage Quai	rterly Utility Bi	lls:	** _ ** ** ** ** ** ** ** ** ** ** ** **	
THE PERSON NAMED IN COLUMN TWO	\$	2020	2021	2022	2023	
manufacture of the contract of	5/8 "	\$ 313.61	\$ 335.46	\$ 359.03	\$ 384.18	
	1"	\$ 660.59	\$ 883.77	\$ 961.41	\$ 1,056.06	
	1.5"	\$ 1,761.62	\$ 2,202.54	\$ 2,353.88	\$ 2,551.75	
	2 "	\$ 2,456.90	\$ 3,433.28	\$ 3,675.43	\$ 3,988.92	
:	3"	\$ 1,721.92	\$ 2,681.04	\$ 2,996.64	\$ 3,378.65	
	4"	\$1,469.08	\$ 4,558.53	\$ 5,523.33	\$ 6,627.99	
	% inc	#				
	5/8 "	2149	7.0%	7.0%	7.0%	Residential
	1"	40	33.8%	8.8%	9.8%	Hotels, Banks, Tim Hortons
	1.5"	35	25.0%	6.9%	8.4%	McDonalds, Grocery Stores, Box Stores, Hotels
	2 "	18	39.7%	7.1%	8.5%	Carveth, Cardinal Health, PW, Condos, Playhouse
	3"	4	55.7%	11.8%	12.7%	Splash Pad, Marina, Holiday Inn, Ramada Inn
	4"	1	210.3%	21.2%	20.0%	Casino

#### CORPORATION OF THE TOWN OF GANANOQUE BY-LAW NO. 2020-115

### A BY-LAW TO ADOPT THE 2021 WATER AND WASTEWATER OPERATING AND CAPITAL BUDGET AND ESTABLISH FEES AND RATES FOR WATER AND WASTEWATER SERVICES PROVIDED BY THE MUNICIPALITY

**WHEREAS** pursuant to Section 391(1) of the *Municipal Act*, 2001, a municipality may impose fees and charges on any class of persons for services or activities provided or done by or on behalf of it;

**AND WHEREAS** Section 398 of the *Municipal Act*, 2001 allows the municipality to add unpaid fees and charges to the collector's roll for the property and collect in the same manner as taxes:

**AND WHEREAS** pursuant to Bill 175, the *Sustainable Water and Sewage Systems Act*, 2002, each municipality must provide full cost recovery financial plans to pay the full cost of providing water services or waste water services to the Minister for approval;

**AND WHEREAS** Council reviewed Council Report-FIN-2020-38, and concurs with the staff recommendation to adopt the 2021 Water and Wastewater Operating and Capital Budget and, establish fees and rates for Water and Wastewater Services provided by the municipality.

**NOW THEREFORE** the Council of the Corporation of the Town of Gananoque enacts as follows:

- 1. That the Water/ Wastewater Operating Budget attached hereto as Schedule 'B' and Water/Wastewater Capital Budget attached hereto as Schedule 'C' and forming part of this By-law is hereby adopted.
- 2. That quarterly billing Water and Wastewater Rates as set out in Schedule 'A', attached hereto and forming part of this By-law are hereby established.
- 3. That Other Charges and Fees shall be established as:

Occupancy Charges \$50.00 Collection Charge \$50.00

Late payment charges 5% of current charges

Turning water off/on for summer services \$150/meter

Turning water off/on for non-payment \$150 Cost of Plumber or Other Contractor 100% Services connected to the municipal water system but not connected to the municipal sewer system, commonly referred to as 'Water Only Accounts', shall be charged the Water Capital Fee plus the Water Rate per Cubic Meter charge times the water consumption.

- 4. That the remaining budget for all 2020 Water / Wastewater Capital Projects be carried forward to 2021, if the Capital Project is not completed by December 31, 2020.
- 5. That the fees established by this By-law shall come into full force and effect on January 1<sup>st</sup>, 2021.
- 6. That any By-law or Motion inconsistent with this By-law is hereby amended.

  Read a first and second time, this 23<sup>rd</sup> day of October 2020.

  Ted Lojko, Mayor

  Penny Kelly, Clerk
  (Seal)

  Read a third time and finally passed this 3rd day of November 2020.

### Town of Gananoque 2021 Water and Wastewater Rates

Water Rates:	2021
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Fixed Captial Charge by Metre Size:	•	Annual	Q	uarterly
5/8 inch	\$	330.65	\$	82.66
3/4 inch	\$	390.16	\$	97.54
1 inch	\$	588.55	\$	147.14
1 1/2 inch	\$ 1	1,071.30	\$	267.83
2 inch	\$ 1	1,745.82	\$	436.46
3 inch	\$ ^	1,864.85	\$	466.21
4 inch	\$ 5	5,144.88	\$1	,286.22
rural 5/8 inch	\$	826.62	\$	206.66
additonal unmetred units on 5/8 or 3/4 services	\$	330.65	\$	82.66
outside area consumer charge	\$	826.62	\$	206.66
Water Consumption per Cubic Metre			\$	2.03

#### Wastewater Rates: 2021

Fixed Capital Charge by Metre Size:	Annual	Qı	uarterly
5/8 inch	\$ 541.64	\$	135.41
3/4 inch	\$ 639.14	\$	159.79
1 inch	\$ 964.12	\$	241.03
1 1/2 inch	\$1,754.91	\$	438.73
2 inch	\$2,859.86	\$	714.97
3 inch	\$3,054.85	\$	763.71
4 inch	\$8,427.92	\$2	,106.98
rural 5/8 inches	\$1,354.10	\$	338.53
additonal unmetred units on 5/8 or 3/4 services	\$ 541.64	\$	135.41
outside area consumer charge	\$1,354.10	\$	338.53
Wastewater Consumption per Cubic Metre		\$	1.70

### Town of Gananoque 2021 Water and Wastewater Rates

Sprinkler Charges - Fixed Quarterly Charge	Quarterly
2" Unmetred Sprinkler	\$ 91.09
4" Unmetred Sprinkler	\$ 217.63
6" Unmetred Sprinkler	\$ 349.20
8" Unmetred Sprinkler	\$ 475.69
Rural Hydrant Charge	\$ 805.13
Hydrant Charge	Annual
Annual User Fee to the Fire Department	\$30,965

Fiscal Year:

Account:

2021

1-4-081??-???? To 1-5-082??-????

GL5030 (T)

Date: Sep 17, 2020

Page:

Period :	1	To 12				
Account Code	CC1	CC2	CC3	Account Name	Balance	Budget Amt - PB
FUND	1					
CLASS	4			REVENUE		
CATEGORY	8100			SANITARY SEWER		
1-4-08100-4081				Wastewater Reserve Interest	0.00	-49,775
1-4-08100-4098				WORK RECOVERABLE REVENUE	0.00	-1,020
		Category Total			0.00	-50,795
CATEGORY	 8140			User Fees - Sanitary Sewer		
1-4-08140-4119				Wastewater Consumption Fees	0.00	-728,650
1-4-08140-4935				CONNECTION FEES	0.00	-19,890
1-4-08140-4980				Wastewater Penalty	0.00	-13,770
1-4-08140-4982				Capital Replacement	0.00	-1,426,010
		Category Total			0.00	-2,188,320
	F	REVENUE Total			0.00	-2,239,115
CLASS	5			EXPENDITURE		
CATEGORY	8100			Wastewater Treatment Non Union Wages		
1-5-08100-5101				FT SALARIES	0.00	67,990
1-5-08100-5115				EHT - EMPLOYER PORTION	0.00	1,650
1-5-08100-5116				SOURCE DEDUCTIONS	0.00	4,215
1-5-08100-5118				WSIB	0.00	3,100
1-5-08100-5119				MANULIFE BENEFITS	0.00	8,530
1-5-08100-5121				OMERS	0.00	9,070
		Category Total			0.00	94,555
CATEGORY	<del></del> 8110			Wastewater Treatment Union Wages		
1-5-08110-5101				FT Wages	0.00	88,215
1-5-08110-5103				OT Wages	0.00	12,500
-5-08110-5105				Standby	0.00	9,070
1-5-08110-5115				EHT	0.00	2,300
-5-08110-5116				Source Deductions	0.00	6,900
1-5-08110-5117				Other Benefits	0.00	450
-5-08110-5118				WSIB	0.00	3,100
1-5-08110-5119				Manulife	0.00	9,670
-5-08110-5121				OMERS	0.00	8,740
		Category Total			0.00	140,945
CATEGORY	8120			HR Management	1	
-5-08120-5112				Uniforms	0.00	2,500
-5-08120-5302				Memberships	0.00	3,400
-5-08120-5303				Training of Staff	0.00	5,000
-5-08120-5304				Conventions	0.00	700
		Category Total			0.00	11,600
CATEGORY	8130			Office Expenses		
1-5-08130-5301				Ads, Subscriptions & Memberships	0.00	680
1-5-08130-5306				Postage / Courier	0.00	7,500
1-5-08130-5310				Computers	0.00	2,000

Fiscal Year:

2021

Account:

1-4-081??-???? To 1-5-082??-????

Period:

1 To 12



GL5030 (T) Date: Sep 17, 2020 Page:

Account Code	CC1	CC2	CC3	Account Name	Balance	Budget Amt - PB
UND	1					
CLASS	5		E	XPENDITURE		
CATEGORY 8	130		C	Office Expenses		
1-5-08130-5318				Materials & Supplies	0.00	500
-5-08130-5327				Cellular & Pagers	0.00	2,630
-5-08130-5330				Internet	0.00	250
-5-08130-5400				Contracted Services	0.00	8,500
-5-08130-5401				Audit Services	0.00	3,000
-5-08130-5405				Insurance	0.00	13,200
-5-08130-5409				IT	0.00	3,585
		Category Total			0.00	41,845
ATEGORY 8	140		F	acility Maintenance		
-5-08140-2530				Diesel Fuel	0.00	2,000
-5-08140-5317				Repairs & Maintenance	0.00	500
-5-08140-5318				Materials & Supplies	0.00	500
-5-08140-5325				Lab Analysis	0.00	6,600
-5-08140-5326				Treatment Chemicals	0.00	65,000
-5-08140-5331				Hydro	0.00	38,000
-5-08140-5400				Contracted Services	0.00	6,200
-5-08140-5501				Property Taxes	0.00	21,400
		Category Total		,	0.00	140,200
ATEGORY 8	170		N	Machine & Equipment Maintenance		
-5-08170-5317				Repairs & Maintenance	0.00	3,500
-5-08170-5318				Materials & Supplies	0.00	2,000
-5-08170-5319				Small Equipment	0.00	500
-5-08170-5400				Contracted Services	0.00	5,000
		Category Total			0.00	11,000
ATEGORY 8	180		F	leet Maintenance		
-5-08180-5321				Operating Expenses	0.00	9,810
-5-08180-5322				Repairs & Maintenance	0.00	5,125
		Category Total			0.00	14,935
ATEGORY 8	190		L	ong Term Debt		
-5-08190-5800				Principal	0.00	25,815
-5-08190-5850				Inerest	0.00	20,440
		Category Total			0.00	46,255
ATEGORY 8	 195		Т	ransfer to Capital Reserve		
-5-08195-5903		S.		Transfer to Reserves	0.00	1,426,010
		Category Total			0.00	1,426,010
ATEGORY 82	200		V	Vastewater Collection Non Union Wages		
-5-08200-5101				FT Wages	0.00	68,000
-5-08200-5115				EHT	0.00	1,650
-5-08200-5116				Source Deductions	0.00	4,210

Fiscal Year:

2021

1-4-081??-???? To 1-5-082??-????

Account : Period :

1 To 12

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GL5030 (T)

Date: Sep 17, 2020

Page:

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Account Code	CC1	CC2	CC3	Account Name	Balance	Budget Amt - PB
FUND	1					
CLASS	5		Е	XPENDITURE		
CATEGORY	8200		٧	Vastewater Collection Non Union Wages		
1-5-08200-5118				WSIB	0.00	3,100
1-5-08200-5119				Manulife	0.00	8,530
1-5-08200-5121				OMERS	0.00	9,070
		Category Total			0.00	94,560
CATEGORY	8210			Vastewater Collection Union Wages		
1-5-08210-5101				FT Wages	0.00	79,215
1-5-08210-5103				OT Wages	0.00	12,500
1-5-08210-5105				Standby	0.00	9,070
1-5-08210-5115				EHT	0.00	2,300
1-5-08210-5116				Source Deductions	0.00	6,900
1-5-08210-5118				WSIB	0.00	3,100
1-5-08210-5119				Manulife	0.00	9,670
1-5-08210-5121				OMERS	0.00	8,750
		Category Total		-	0.00	131,505
CATEGORY	8215		D	vistributed Wages		
1-5-08215-5101				FT Wages	0.00	7,950
1-5-08215-5103				OT Wages	0.00	1,200
1-5-08215-5115				EHT	0.00	160
1-5-08215-5116				Source Deductions	0.00	595
1-5-08215-5118				WSIB	0.00	750
1-5-08215-5121				OMERS	0.00	250
		Category Total		-	0.00	10,905
CATEGORY	8240		F	acility Maintenance		
1-5-08240-2530				Diesel Fuel	0.00	850
1-5-08240-5330				Internet	0.00	1,800
1-5-08240-5331				Hydro	0.00	14,000
		Category Total		-	0.00	16,650
CATEGORY	8245			Vastewater Service Laterals		
1-5-08245-5318				Materials & Supplies	0.00	3,000
1-5-08245-5319				SMall Equipment	0.00	1,500
1-5-08245-5400				Contracted Services	0.00	10,000
		Category Total			0.00	14,500
CATEGORY	8250		P	umping Stations		
1-5-08250-5317				Repairs & Maintenance	0.00	3,500
1-5-08250-5318				Materials & SUpplies	0.00	2,000
1-5-08250-5400				Contracted Services	0.00	13,000
1-5-08250-5411				Electrical Services	0.00	3,000
1-5-08250-5501				Property Taxes	0.00	1,550

Fiscal Year:

2021

1-4-081??-???? To 1-5-082??-????

Account: Period:

1 To 12



GL5030 (T) Date: Sep 17, 2020 Page:

Account Code	CC1	CC2	CC3	Account Name	Balance	Budget Amt - PB
FUND	1					
CLASS	5			EXPENDITURE		
CATEGORY	8260			Wastewater Collection Mains		
CATEGORY	8260			Wastewater Collection Mains		
1-5-08260-5318				Materials & Supplies	0.00	3,100
1-5-08260-5319				Small Equipment	0.00	4,500
1-5-08260-5400				Contracted Services	0.00	13,000
		Category Tot	al		0.00	20,600
	E)	(PENDITURE	Total		0.00	2,239,115
	OPER	ATING Total	0.00	0		
	REPO	RT TOTAL			0.00	0



GL5030 (T)

Date: Sep 17, 2020

1

Page:

Fiscal Year:	2021					
Account:	1-4-083	??-???? To 1-5-0	34??-???			
Period:	1	To 12				
Account Code	CC1	CC2	CC3	Account Name	Balance	Budget Amt - PB
FUND	1					,
CLASS	4		R	EVENUE		
CATEGORY	8300		V	Vater Works		
1-4-08300-4000				MISCELLANEOUS REVENUE	0.00	-510
1-4-08300-4081				Water Reserve Interest	0.00	-10,000
1-4-08300-4098				WORK RECOVERABLE REVENUE	0.00	940
1-4-08300-4102				HYDRANT CHARGES	0.00	-30,965
1-4-08300-4936				OCCUPANCY CHARGE	0.00	-330
		Category Total			0.00	-40,865
CATEGORY	8302		٧	Vater Storage Tower		
1-4-08302-4047				TOWER ANTENNA RENTAL	0.00	-14,280
		Category Total			0.00	-14,280
CATEGORY	8303	,	V	Vater Service Lateral		
1-4-08303-4098				SPRINKLER FEES	0.00	-29,475
		Category Total			0.00	-29,475
CATEGORY	8340		U	ser Fees - Water		
1-4-08340-4134				Water Consumption Fees	0.00	-871,700
1-4-08340-4935				CONNECTION FEES	0.00	-19,890
1-4-08340-4980				Water Penalty	0.00	-13,770
1-4-08340-4982				Capital Replacement	0.00	-870,515
		Category Total			0.00	-1,775,875
		REVENUE Total			0.00	-1,860,495
CLASS	5		E	XPENDITURE	, and the second	
CATEGORY	8300		V	Vater Treatment Non Union Wages		
1-5-08300-5101				FT SALARIES-WATER WORKS	0.00	69,120
1-5-08300-5115				EHT - EMPLOYER PORTION	0.00	1,650
1-5-08300-5116				SOURCE DEDUCTIONS	0.00	4,210
1-5-08300-5118				WSIB	0.00	3,100
1-5-08300-5119				BENEFITS - MANULIFE	0.00	8,530
1-5-08300-5121				OMERS	0.00	9,070
		Category Total			0.00	95,680
CATEGORY	8310		V	Vater Treatment Union Wages		
1-5-08310-5101				FT Wages	0.00	89,215
1-5-08310-5103				OT Wages	0.00	12,500
1-5-08310-5105				Standby	0.00	9,070
1-5-08310-5115				EHT	0.00	2,300
1-5-08310-5116				Source Deductions	0.00	6,905
1-5-08310-5118				WSIB	0.00	3,100
1-5-08310-5119				Manulife	0.00	9,670
1-5-08310-5121				OMERS	0.00	8,750
		Category Total			0.00	141,510

Fiscal Year:

2021

1-4-083??-???? To 1-5-084??-????

Account : Period :

To 12

GL5030 (T)

Date: Sep 17, 2020

Page:

		To 12			
Account Code	CC1	CC2	CC3 Account Name	Balance	Budget Amt - PB
UND	1				
CLASS	5		EXPENDITURE		
ATEGORY	8320		HR Management		
-5-08320-5112			Uniforms	0.00	2,500
-5-08320-5302			Memberships	0.00	9,050
-5-08320-5303			Training	0.00	10,000
-5-08320-5304			Conferences	0.00	1,300
		Category Total		0.00	22,850
ATEGORY	8330		Office Expenses		
-5-08330-5301			Ads & Subscriptions	0.00	680
-5-08330-5306			Postage / Courier	0.00	7,500
-5-08330-5310			Computers	0.00	2,000
-5-08330-5318			Materials & Supplies	0.00	2,000
-5-08330-5327			Cellular & Pagers	0.00	4,855
-5-08330-5330			Internet	0.00	3,340
-5-08330-5335			Telephone	0.00	5,750
-5-08330-5400			Contracted Services	0.00	7,500
-5-08330-5401			Audit Services	0.00	3,000
-5-08330-5404			Source Water Protection	0.00	11,000
-5-08330-5405			Insurance	0.00	13,200
-5-08330-5409			IT	0.00	2,785
-5-08330-5502			Lease Payments	0.00	900
		Category Total		0.00	64,510
ATEGORY	8340		Facility Maintenance		
-5-08340-2530			Diesel Fuel	0.00	3,000
-5-08340-5324			<b>Building Maintenance</b>	0.00	2,700
-5-08340-5325			Lab Analysis	0.00	17,000
-5-08340-5326			Treatment Chemicals	0.00	20,665
-5-08340-5331			Hydro	0.00	81,205
-5-08340-5332			Natural Gas	0.00	10,600
-5-08340-5411			Electrical Services	0.00	6,000
-5-08340-5501			Property Taxes	0.00	40,800
		Category Total		0.00	181,970
CATEGORY	8370		Machine & Equipment Maintenance		
-5-08370-5317			Repairs & Maintenance	0.00	28,750
-5-08370-5318			Materials & Supplies	0.00	11,000
-5-08370-5319			Small Equipment	0.00	1,500
-5-08370-5400			Contracted Services	0.00	42,600
-5-08370-5404			Other Professional Services	0.00	1,800
		Category Total		0.00	85,650
ATEGORY	8380		Fleet Maintenance		
-5-08380-5321			Operating Expenses	0.00	9,815
-5-08380-5322			Repairs & Maintenance	0.00	5,125

Fiscal Year:

2021

Account:

1-4-083??-???? To 1-5-084??-????



GL5030 (T) Page: Date: Sep 17, 2020 Time: 10:07 am

Period :	1	To 12				
Account Code	CC1	CC2	CC3	Account Name	Balance	Budget Amt - PB
FUND	1					
CLASS	5		E	XPENDITURE		
ATEGORY	8380		F	leet Maintenance		
		Category Total			0.00	14,940
ATEGORY	 8390		L	ong Term Debt		
-5-08390-5800				Principal	0.00	37,570
1-5-08390-5850				Interest	0.00	38,080
		Category Total			0.00	75,650
ATEGORY	8395		T	ransfer to Capital Reserve		
-5-08395-5903				Transfer to Reserve	0.00	870,515
		Category Total			0.00	870,515
ATECORY	0400			Jotos Diotribution No. 11-1-134		
-5-08400-5101	8400		V	Vater Distribution Non Union Wa FT Salaries	o.00	69,110
-5-08400-5101				EHT	0.00	1,650
-5-08400-5115 -5-08400-5116				Source Deductions	0.00	4,210
				WSIB	0.00	3,100
-5-08400-5118 -5-08400-5119				Manulife	0.00	8,530
-5-08400-5119 -5-08400-5121				OMERS	0.00	9,070
0 00 100 0 121		Cotomory Total			0.00	95,670
		Category Total			0.00	55,670
	8410		V	Vater Distribution Union Wages		
-5-08410-5101				FT Salaries	0.00	89,215
-5-08410-5103				OT wages	0.00	12,500
-5-08410-5105				Standby Wages	0.00	9,070
-5-08410-5115				EHT	0.00	2,300
-5-08410-5116				Source Deductions	0.00	6,905
-5-08410-5118				WSIB Manulife	0.00	3,100
-5-08410-5119 -5-08410-5121				OMERS	0.00	9,670 8,750
-5-00410-5121						
		Category Total			0.00	141,510
	8415		D	istributed wages		
-5-08415-5101				FT Wages	0.00	7,950
-5-08415-5103				OT Wages	0.00	1,200
-5-08415-5115				EHT	0.00	160
-5-08415-5116				Source Deductions	0.00	600
-5-08415-5118				WSIB	0.00	750
-5-08415-5121				OMERS	0.00	250
		Category Total			0.00	10,910
ATEGORY	8440		V	/ater Tower		
-5-08440-5318				Materials & Supplies	0.00	500
-5-08440-5331				Hydro	0.00	2,330
		Category Total			0.00	2,830
ATEGORY	8445		V	Vater Service Laterals		

Fiscal Year:

2021

Account:

1-4-083??-???? To 1-5-084??-????

Period:

1 To 12



GL5030 (T) Date: Sep 17, 2020 Page:

Account Code	CC1	CC2	CC3 Account Name	Balance	Budget Amt - PB
FUND	1				
CLASS	5		EXPENDITURE		
CATEGORY	8445		Water Service Laterals		
1-5-08445-5318			Materials & Supplies	0.00	4,500
1-5-08445-5400			Contracted Services	0.00	1,000
		Category Total		0.00	5,500
CATEGORY	8450		Water Metre Maintenance		
1-5-08450-5318			Materials & Supplies	0.00	500
		Category Total		0.00	500
CATEGORY	8455		Hydrants		
1-5-08455-5318			Materials & Supplies	0.00	10,600
1-5-08455-5400			Contracted Services	0.00	12,700
		Category Total		0.00	23,300
CATEGORY	8460	***************************************	Watermain Repairs		
1-5-08460-5318			Materials & Supplies	0.00	14,000
1-5-08460-5319			Small Equipment	0.00	5,500
1-5-08460-5400			Contracted Services	0.00	7,500
		Category Total		0.00	27,000
	E	EXPENDITURE TO	otal	0.00	1,860,495
	OPER	RATING Total		0.00	0
	REP	ORT TOTAL		0.00	0

Fiscal Year:

2021

1

Account: 2-?-08???-???? To 2-?-08???-????

Period:

To 12

10

GL5030 (T) Page: 1

Date: Oct 06, 2020 Time: 1:51 pm

FUND CLASS  CATEGORY 8101 2-4-08101-5901  CATEGORY 8302 2-4-08302-5901  CLASS  CATEGORY 8105 2-5-08105-5400  CATEGORY 8106 2-5-08108-5000  CATEGORY 8130 2-5-08130-5400  CATEGORY 8132 2-5-08132-5400  CATEGORY 8133 2-5-08133-5400	Category Total  Category Total  REVENUE Total  Category Total  Category Total  Category Total	Wastewater Trans from reserves  Water Trans from reserves  EXPENDITURE  Sewer - Lagoon Cleaning Sewage Lagoon Cleaning  Service Lateral / Manhole CONTRACTED SERVICES  Wastewater Share Vehicle Vehicle  EAST END PUMPING Building Contracted Services	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	-1,464,785 -1,464,785 -710,660 -710,660 -2,175,445  250,000 25,000 25,000 25,000
EATEGORY 8105 E-4-08105-5400  EATEGORY 8106 E-5-08105-5400  EATEGORY 8108 E-5-08108-5000  EATEGORY 8130 E-5-08130-5400  EATEGORY 8130 E-5-08132-5400  EATEGORY 8132 E-5-08132-5400	Category Total  Category Total  REVENUE Total  5  Category Total  Category Total	Wastewater Trans from reserves  Water Trans from reserves  EXPENDITURE  Sewer - Lagoon Cleaning Sewage Lagoon Cleaning  Service Lateral / Manhole CONTRACTED SERVICES  Wastewater Share Vehicle Vehicle  EAST END PUMPING Building	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	-1,464,785  -710,660  -710,660  -2,175,445  250,000  25,000  25,000
ATEGORY 8108 -5-08105-5400  CATEGORY 8106 -5-08105-5400  CATEGORY 8108 -5-08108-5000  CATEGORY 8130 -5-08130-5400  CATEGORY 8132 -5-08132-5400  CATEGORY 8132	Category Total  REVENUE Total  5  Category Total  Category Total	Water Trans from reserves  EXPENDITURE  Sewer - Lagoon Cleaning Sewage Lagoon Cleaning  Service Lateral / Manhole CONTRACTED SERVICES  Wastewater Share Vehicle Vehicle  EAST END PUMPING Building	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	-1,464,785  -710,660  -710,660  -2,175,445  250,000  25,000  25,000
CATEGORY 8302 2-4-08302-5901  CLASS  CATEGORY 8105 2-5-08105-5400  CATEGORY 8108 2-5-08108-5000  CATEGORY 8130 2-5-08130-5400  CATEGORY 8132 2-5-08132-5400  CATEGORY 8132 2-5-08133-5400	Category Total  REVENUE Total  5  Category Total  Category Total	Water Trans from reserves  EXPENDITURE  Sewer - Lagoon Cleaning Sewage Lagoon Cleaning  Service Lateral / Manhole CONTRACTED SERVICES  Wastewater Share Vehicle Vehicle  EAST END PUMPING Building	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	-1,464,785  -710,660  -710,660  -2,175,445  250,000  25,000  25,000
2-4-08302-5901  CLASS  CATEGORY 8105 2-5-08105-5400  CATEGORY 8108 2-5-08108-5000  CATEGORY 8130 2-5-08130-5400  CATEGORY 8132 2-5-08132-5400  CATEGORY 8133 2-5-08133-5400	Category Total  REVENUE Total  5  Category Total  Category Total	EXPENDITURE  Sewer - Lagoon Cleaning Sewage Lagoon Cleaning  Service Lateral / Manhole CONTRACTED SERVICES  Wastewater Share Vehicle Vehicle  EAST END PUMPING Building	0.00 0.00 0.00 0.00 0.00 0.00 0.00	-710,660 -710,660 -2,175,445  250,000 250,000 25,000 25,000
2-4-08302-5901  CLASS  CATEGORY 8105 2-5-08105-5400  CATEGORY 8108 2-5-08108-5000  CATEGORY 8130 2-5-08130-5400  CATEGORY 8132 2-5-08132-5400  CATEGORY 8133 2-5-08133-5400	REVENUE Total 5  Category Total  Category Total	EXPENDITURE  Sewer - Lagoon Cleaning Sewage Lagoon Cleaning  Service Lateral / Manhole CONTRACTED SERVICES  Wastewater Share Vehicle Vehicle  EAST END PUMPING Building	0.00 0.00 0.00 0.00 0.00 0.00	-710,660 -2,175,445 250,000 250,000 25,000 25,000
CATEGORY 8105 2-5-08105-5400  CATEGORY 8106 2-5-08106-5400  CATEGORY 8108 2-5-08108-5000  CATEGORY 8130 2-5-08130-5400  CATEGORY 8132 2-5-08132-5400  CATEGORY 8133 2-5-08133-5400	REVENUE Total 5  Category Total  Category Total	Sewer - Lagoon Cleaning Sewage Lagoon Cleaning  Service Lateral / Manhole CONTRACTED SERVICES  Wastewater Share Vehicle Vehicle  EAST END PUMPING Building	0.00 0.00 0.00 0.00 0.00 0.00	-710,660 -2,175,445 250,000 250,000 25,000 25,000
CATEGORY 8105 2-5-08105-5400  CATEGORY 8106 2-5-08106-5400  CATEGORY 8108 2-5-08108-5000  CATEGORY 8130 2-5-08130-5400  CATEGORY 8132 2-5-08132-5400  CATEGORY 8133 2-5-08133-5400	REVENUE Total 5  Category Total  Category Total	Sewer - Lagoon Cleaning Sewage Lagoon Cleaning  Service Lateral / Manhole CONTRACTED SERVICES  Wastewater Share Vehicle Vehicle  EAST END PUMPING Building	0.00 0.00 0.00 0.00 0.00	-2,175,445  250,000  250,000  25,000  25,000
CATEGORY 8105 2-5-08105-5400  CATEGORY 8106 2-5-08106-5400  CATEGORY 8108 2-5-08108-5000  CATEGORY 8130 2-5-08130-5400  CATEGORY 8132 2-5-08132-5400  CATEGORY 8133 2-5-08133-5400	Category Total  Category Total	Sewer - Lagoon Cleaning Sewage Lagoon Cleaning  Service Lateral / Manhole CONTRACTED SERVICES  Wastewater Share Vehicle Vehicle  EAST END PUMPING Building	0.00 0.00 0.00 0.00 0.00	250,000 250,000 25,000 25,000
CATEGORY 8105 2-5-08105-5400  CATEGORY 8106 2-5-08106-5400  CATEGORY 8108 2-5-08108-5000  CATEGORY 8130 2-5-08130-5400  CATEGORY 8132 2-5-08132-5400  CATEGORY 8133 2-5-08133-5400	Category Total  Category Total	Sewer - Lagoon Cleaning Sewage Lagoon Cleaning  Service Lateral / Manhole CONTRACTED SERVICES  Wastewater Share Vehicle Vehicle  EAST END PUMPING Building	0.00 0.00 0.00 0.00	25,000 25,000 25,000
2-5-08105-5400  CATEGORY 8106 2-5-08106-5400  CATEGORY 8108 2-5-08108-5000  CATEGORY 8130 2-5-08130-5400  CATEGORY 8132 2-5-08132-5400  CATEGORY 8133 2-5-08133-5400	Category Total	Sewage Lagoon Cleaning  Service Lateral / Manhole  CONTRACTED SERVICES  Wastewater Share Vehicle  Vehicle  EAST END PUMPING Building	0.00 0.00 0.00 0.00	25,000 25,000 25,000
CATEGORY 8106 2-5-08106-5400  CATEGORY 8108 2-5-08108-5000  CATEGORY 8130 2-5-08130-5400  CATEGORY 8132 2-5-08132-5400  CATEGORY 8133 2-5-08133-5400	Category Total	Service Lateral / Manhole  CONTRACTED SERVICES  Wastewater Share Vehicle  Vehicle  EAST END PUMPING Building	0.00 0.00 0.00 0.00	25,000 25,000 25,000
2-5-08106-5400  CATEGORY 8108 2-5-08108-5000  CATEGORY 8130 2-5-08130-5400  CATEGORY 8132 2-5-08132-5400  CATEGORY 8133 2-5-08133-5400	Category Total	Wastewater Share Vehicle Vehicle  EAST END PUMPING Building	0.00 0.00 0.00	25,000 25,000 25,000
2-5-08106-5400  CATEGORY 8108 2-5-08108-5000  CATEGORY 8130 2-5-08130-5400  CATEGORY 8132 2-5-08132-5400  CATEGORY 8133 2-5-08133-5400		Wastewater Share Vehicle Vehicle  EAST END PUMPING Building	0.00 0.00	<b>25,000</b> 25,000
2-5-08106-5400  CATEGORY 8108 2-5-08108-5000  CATEGORY 8130 2-5-08130-5400  CATEGORY 8132 2-5-08132-5400  CATEGORY 8133 2-5-08133-5400		Wastewater Share Vehicle Vehicle  EAST END PUMPING Building	0.00 0.00	<b>25,000</b> 25,000
2-5-08108-5000  CATEGORY 8130 2-5-08130-5400  CATEGORY 8132 2-5-08132-5400  CATEGORY 8133 2-5-08133-5400		Vehicle  EAST END PUMPING Building	0.00	25,000
2-5-08108-5000  CATEGORY 8130 2-5-08130-5400  CATEGORY 8132 2-5-08132-5400  CATEGORY 8133 2-5-08133-5400		Vehicle  EAST END PUMPING Building	0.00	
2-5-08108-5000  CATEGORY 8130 2-5-08130-5400  CATEGORY 8132 2-5-08132-5400  CATEGORY 8133 2-5-08133-5400	Category Total	Vehicle  EAST END PUMPING Building	0.00	
2-5-08130-5400  CATEGORY 8132 2-5-08132-5400  CATEGORY 8133 2-5-08133-5400	Category Total			25,000
2-5-08130-5400  CATEGORY 8132 2-5-08132-5400  CATEGORY 8133 2-5-08133-5400				
2-5-08130-5400  CATEGORY 8132 2-5-08132-5400  CATEGORY 8133 2-5-08133-5400				
2-5-08132-5400 CATEGORY 8133 2-5-08133-5400		Contracted Services	0.00	400,000
2-5-08132-5400 CATEGORY 8133 2-5-08133-5400	Category Total		0.00	400,000
2-5-08132-5400 CATEGORY 8133 2-5-08133-5400		East End Pumping Station Pump 2		
2-5-08133-5400		Contracted Services	0.00	45,000
2-5-08133-5400	Category Total		0.00	45,000
2-5-08133-5400		East End Pumping Stn Spare Pump		40,000
		Contracted Services	0.00	150,000
CATEGORY 8134	Category Total	-	0.00	150,000
CAIEGURY 8134		Foot Food Diseasing Oth Alice Tools		150,000
2-5-08134-5400		East End Pumping Stn Alum Tank Contracted Services	0.00	75,000
_ 5 55 15 15 550	Code man Total			
	Category Total		0.00	75,000 
CATEGORY 8138		Sewer - Pine Street	0.00	240.005
2-5-08138-5400		Contracted Services	0.00	312,285
	Category Total		0.00	312,285
CATEGORY 8141		Stone St Pumping Station	10° 1000A	32 May 1989 7
2-5-08141-5318		Materials Contracted Services	0.00	15,000
2-5-08141-5400			0.00	12,500

Fiscal Year:

2021

2-?-08???-???? To 2-?-08???-????

Account : Period :

1 To 12

GL5030 (T)

Date: Oct 06, 2020

Page:

Time: 1:51 pm

Perioa:	(4)	10 12				
Account Code	CC1	CC2	CC3	Account Name	Balance	Budget Amt - PB
FUND	2					
CLASS	5			EXPENDITURE		
CATEGORY	8147			Force Main Upgrades		
CATEGORY	8147			Force Main Upgrades		
2-5-08147-5400				Contracted Services	0.00	150,000
	-	Category Total			0.00	150,000
CATEGORY	8151			Wastewater Share Trailer		
2-5-08151-5318				Materials	0.00	5,000
		Category Total		_	0.00	5,000
CATEGORY	8308			WTP Chlorine Feed Lines		
2-5-08308-5318				Materials & Supplies	0.00	25,000
		Category Total		_	0.00	25,000
CATEGORY	8315			Hydrant Replacement		
2-5-08315-5400				Contracted Costs	0.00	25,000
		Category Total		_	0.00	25,000
CATEGORY	8317			Water - Corrosion Control		
2-5-08317-5400				Contracted Services	0.00	25,000
		Category Total		_	0.00	25,000
CATEGORY	8320			WTP Electrical Upgrade		
2-5-08320-5400				CONTRACTED SERVICE	ES 0.00	50,000
		Category Total		_	0.00	50,000
CATEGORY	8323			Distribution Chlorine Analyzer		
2-5-08323-5400				Contracts	0.00	30,000
		Category Total			0.00	30,000
CATEGORY	8324			WTP Lighting		
2-5-08324-5400				Contracted Services	0.00	30,000
		Category Total			0.00	30,000
CATEGORY	8326			WTP Process Treatment Upgra	ades	
2-5-08326-5318				Materials and supplies	0.00	10,000
		Category Total		_	0.00	10,000
CATEGORY	8328			Leak Detection / Water Audit Pr	 rogram	***************************************
2-5-08328-5400				Contracted Services	0.00	25,000
		Category Total		_	0.00	25,000
CATEGORY	8338			Water - Pine Street	×	***************************************
2-5-08338-5400				Contracted Services	0.00	265,660
		Category Total			0.00	265,660
CATEGORY	8351			Water Share Trailer		-

Fiscal Year:

2021

2-?-08???-???? To 2-?-08???-????

Account: Period:

1 To 12



GL5030 (T) Date: Oct 06, 2020 Page:

Time: 1:51 pm

Account Code	CC1	CC2	CC3 Account Name	Balance	Budget Amt - PB
FUND	2				
CLASS	5		EXPENDITURE		
CATEGORY	8351		Water Share Trailer		
		Category Total		0.00	5,000
CATEGORY	8370		Bulk Water Station		
2-5-08370-5400			Contracted Services	0.00	75,000
		Category Total		0.00	75,000
CATEGORY	8371		Flush Stations		
2-5-08371-5400			Contracted Services	0.00	20,000
		Category Total		0.00	20,000
CATEGORY	8372		WTP Raw Water Sample	Pumps	
2-5-08372-5400			Contracted Services	0.00	5,000
		Category Total		0.00	5,000
CATEGORY	8375		Low Lift Pump 2		
2-5-08375-5400			Contracted Services	0.00	10,000
		Category Total		0.00	10,000
CATEGORY	8376		Low Lift Pump 3		
2-5-08376-5400			Contracted Services	0.00	35,000
		Category Total		0.00	35,000
CATEGORY	8377		High Lift Pump 2		
2-5-08377-5400			Contracted Services	0.00	30,000
		Category Total		0.00	30,000
CATEGORY	8378		Backflow Devices		
2-5-08378-5400			Contracted Services	0.00	25,000
		Category Total		0.00	25,000
CATEGORY	8380		WTP Discharge Pressure	Serge Relief	
2-5-08380-5400			Contracted Services	0.00	20,000
		Category Total		0.00	20,000
	E	EXPENDITURE TO	tal	0.00	2,175,445
	CAPI	TAL FUND Total		0.00	0
	REP	ORT TOTAL		0.00	0

#### WASTEWATER TREATMENT CAPITAL PROJECTS

PROJECT NAME: Wastewater Treatment/Construction

<u>YEAR:</u> 2021

COST CENTRE: Capital reserve funded through wastewater revenues

LOCATION: Gananoque Wastewater Treatment Lagoon System

LENGTH: On-Going

YEAR FIRST

INTRODUCED: 2020

PREPARED BY D. Richards

DATE October 5, 2020

SCOPE: Provides for the capital needs for the Gananoque Wastewater Treatment System

<u>WHY REQUIRED:</u> Allows for coordinated planning for equipment upgrades and maintenance

BENEFITS: Ensures that all costs are being captured and financed through the wastewater water rates

PROJECT DESCRIPTION:	NOTES	MGR:	BUDGET:
	MP STATION: BLDG. & PROPERTY MNTCE:		
Building/Structure	Enclosed structure to house chemical storage, spill containment.		400,000
WASTEWATER TREATMENT EAST END PU	MP STATION:		
Alum Bulk Storage Tank	New chemical storage tank and fill lines		75,000
Pump #2	Refurbishment pump and motor		45 <u>,</u> 000
New Spare Pump	Purchase new pump for backup/scheduled maintenance and furture upgrades to station		150,000
WASTEWATER TREATMENT LAGOON:			
Forcemain 400mm	Engineering services forcemain		150,000
Sludge Removal			250,000
		<u> </u>	
			1,070,000

#### WASTEWATER COLLECTION CAPITAL PROJECTS

PROJECT NAME: Wastewater Collection/Construction

<u>YEAR:</u> 2021

COST CENTRE: Capital reserve funded through wastewater revenues

LOCATION: Gananoque Wastewater Collection System

LENGTH: On-Going

YEAR FIRST

INTRODUCED: 2020

PREPARED BY D. Richards
October 5, 2020

SCOPE: Provides for the capital needs for the Gananoque Wastewater Collection System

WHY REQUIRED: Allows for coordinated planning for equipment upgrades and maintenance

BENEFITS: Ensures that all costs are being captured and financed through the wastewater water rates

PROJECT DESCRIPTION:	NOTES	MGR:	BUDGET:
FULL DECONSTUDITION DDG IFOTO (SEWED WANK	SUATEDALO		
FULL RECONSTURCTION PROJECTS (SEWER MAINS			
Pine Street (Charles to William) (not including storm from Wellington)	Replace sewer mains and laterals		312,285
Service Lateral Replacements and Linning / Manhole Refurbishment	On-going program to replace failing sewer laterals and manholes		25,000
STONE STREET PUMP STATION:			
Diesel Fuel Tanks	New Fuel Tanks - Does not meet TSSA Standard		15,000
North Pump	Refurbish pump and motor		12,500
			364,785

#### WATER DISTRIBUTION CAPITAL PROJECTS

PROJECT NAME: Water Distribution/Construction

<u>YEAR:</u> 2021

COST CENTRE: Capital reserve funded through water revenues

LOCATION: Gananoque Water Distribution System

LENGTH: On-Going

YEAR FIRST

INTRODUCED: 2020

PREPARED BY D. Richards
October 5, 2020

SCOPE: Provides for the capital needs for the Gananoque Water Distribution System

WHY REQUIRED: Allows for coordinated planning for equipment upgrades and maintenance

Ensures that all costs are being captured and financed through the water

PROJECT DESCRIPTION:	NOTES	MGR:	BUDGET:
FULL RECONSTRUCTION:			
Pine Street (Charles to William) (not including storm from Wellington)	Replace watermain from Charles to William	PM	265,658
WATERMAINS, HYDRANTS & VALVES:			
Hydrant Replacement Program	Replace older hydrants	DR	25,000
Leak Detection / Water Audit Program	Leak detection water distribution system - find and repair non-surfacing leaks	DR	25,000
FLUSH BULK WATER STATIONS:		Constitution of the Consti	
Flush Stations	Install flushing stations at deadend locations - improve water quality - reduce AWQI's	DR	20,000
Bulk Fill Station	New bulk water filling station - increase revenues from bulk water sales	DR	75,000
SERVICES:			
Corrosion Control (Lead Service Replacement Program)	Lead service removal program - MECP corrosion control plan	DR	25,000
<u> </u>			435,658

#### WATER TREATMENT CAPITAL PROJECTS

Water Treatment Equipment/Construction PROJECT NAME:

2021 YEAR:

Capital reserve funded through water revenues COST CENTRE:

Gananoque Water Treatment Plant LOCATION:

LENGTH: On-Going

YEAR FIRST

2020

INTRODUCED:

PREPARED BY

D. Richards

DATE

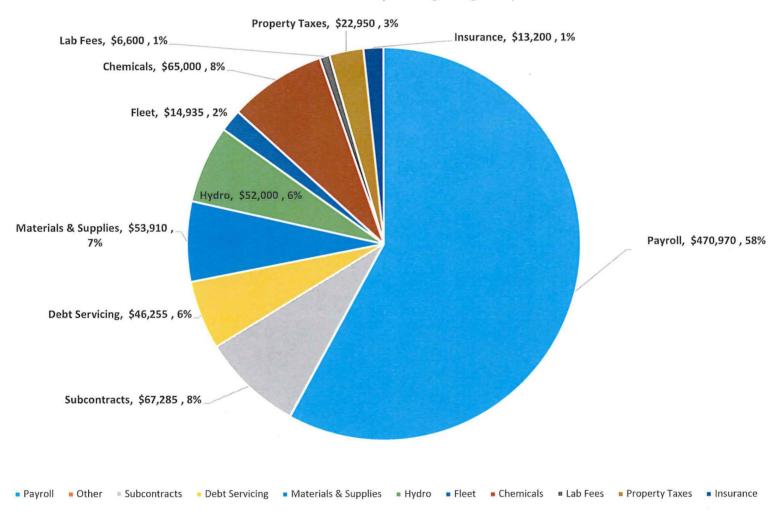
October 5, 2020

SCOPE: WHY REQUIRED: Provides for the capital needs for the James W King Water Treatment Facility Allows for coordinated planning for equipment upgrades and maintenance

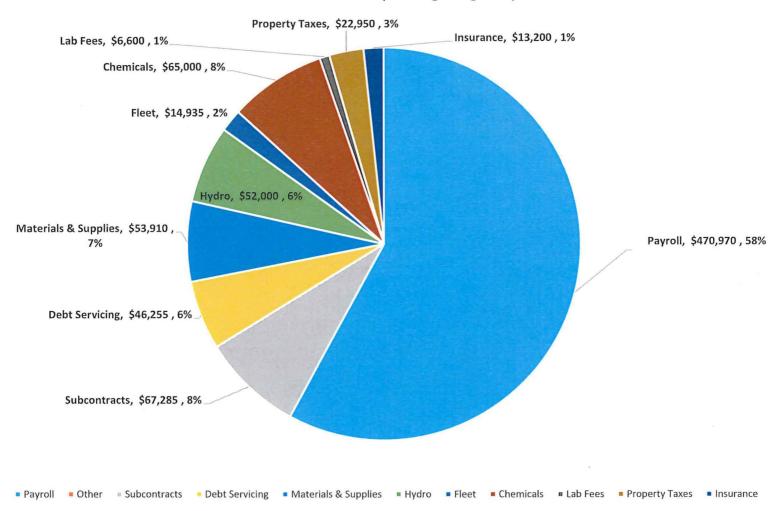
BENEFITS: Ensures that all costs are being captured and financed through the water

PROJECT DESCRIPTION:	NOTES	MGR:	BUDGET:
WATER TREATMENT: BLDG. & PROPERTY MNTCE:			
Lighting	Replace facility lighting - end of usful life - energy conservation - Save on Energy Rebate	DR	30,000
WATER TREATMENT PLANT:			
Process Treatment Upgrades	Engineering services High Lift Pump Review VFD installation for High Lift Pumps	DR	10,000
Electrical MCC	Replace Main Breakers and emergency power transfer switch MCC	DR	50,000
Chlorine Analyzers (2)	Replace chlorine analyzers, end of useful life	DR	30,000
Raw Water Sample Pumps (2)	Replace raw water sample pump	DR	5,000
Low Lift #2 Pump Discharge / Actuator	New actuator - continuation of actuator replacement program	DR	10,000
Low Lift #3 Motor	Motor refurbishment	DR	10,000
Low Lift #3 Pump	Pump refurbishment	DR	15,000
Low Lift #3 Pump Discharge / Actuator	New actuator - continuation of actuator replacement program	DR	10,000
High Lift #2 Motor	Motor refurbishment	DR	10,000
High Lift #2 Pump	Pump refurbishment	DR	20,000
Plant Discharge Pressure Serge Relief valve	Replace serge anticipator valve high lift discharge	DR	20,000
Backflow Devices (2)	Replace or install new BF device as per facility	····	,
	inspection report	DR	25,000
			245,000

#### 2021 Draft Wastewater Operating Budget Expenses



#### 2021 Draft Wastewater Operating Budget Expenses





# Water Wastewater 2021 Operational and Capital Budgets



# Finance Department



### Operational Budget Overview

- Operating Expenses are increasing on the Water Budget by \$18,998
- Operating Expenses are increasing on the Wastewater Budget by \$21,115
- Net Utility Operating Budget increase of \$40,113 or 2.3% over 2020

2020 ra	sidential bill			Monthly	Out	arterly	2021 res	idential b	ill			Monthly	Quai	rtarly
2020 16:		monthly		IVIOTILITY	Qu	arterry	2021163	iu <del>c</del> illiai b	'111	monthly		IVIOTILITY	Quai	llelly
Metered	Costs	consumption	rate				Metered	Costs		consumption	rate			
	000.0	Concamption	rato				Widtered			concampaon	iaio			
metred	water	10.49	\$ 1.60	\$ 16.78	\$	50.35	metred v	vater		10.49	\$ 2.03	\$ 21.29	\$	63.88
metred	wastewater	10.49	\$ 1.60	\$ 16.78	\$	50.35	metred v	vastewate	er	10.49	\$ 1.70	\$ 17.83	\$	53.50
consum	ption charges			\$ 33.57	\$	100.70	consump	otion char	ges			\$ 39.13	\$ 1	117.38
							<b>5</b> 1 ( <b>5</b> (	0 1						
Flat Rat	e Costs	quarterly					Flat Rate	e Costs		annual				
water		\$ 14.60		\$ 4.87	\$	14.60	water			\$ 330.65		\$ 27.55	\$	82.66
water	ater	\$ 0.75		\$ 0.25	\$	0.75	wastewa	ter		\$ 541.64		\$ 45.14	-	135.41
	nvestment	\$ 197.56		\$ 65.85		197.56	wastewa			Ψ 041.04		\$ -	\$	-
capital ii		ψ 107.00		Ψ σσ.σσ	Ψ	107.00						Ψ	Ψ	
Subtota	Flat Rate Charges			\$ 70.97	\$	212.91	Subtotal	Flat Rate	Charge	S		\$ 72.69	\$ 2	218.07
Total				\$104.54	\$	313.61	Total					\$111.82	\$ 3	335.46
												• • • • •		
							-	/ Increase	9			\$ 21.84		7.0%
							Monthly	Increase				\$ 7.28		7.0%
2222							2000							
2022 res	sidential bill	no o nathala (		Monthly	Qu	arterly	2023 res	idential b	H	ma a mathala r		Monthly	Quai	rterly
Metered	Costs	monthly consumption	rate				Metered	Costs		monthly consumption	rate			
Meterec	00515	Consumption	Tale				Metered	COSIS		Consumption	iale			
metred	water	10.49	\$ 1.98	\$ 20.77	\$	62.31	metred v	vater		10.49	\$ 1.91	\$ 20.04	\$	60.11
	wastewater			\$ 17.20		51.61		vastewate	er	10.49	1.66			52.24
consum	ption charges			\$ 37.97	\$	113.92	consump	tion char	ges			\$ 37.45	\$ 1	112.35
Flat Rat	o Cooto	annual					Flat Rate	Costo		annual				
riai Kai	e Cosis	annuai					rial Rail	COSIS		aiiiuai				
water		\$ 461.95		\$ 38.50	\$	115.49	water			\$ 586.58		\$ 48.88	\$ 1	146.65
wastewa	ater	\$ 518.49		\$ 43.21		129.62	wastewa	ter		\$ 500.73		\$ 41.73		125.18
		<b>V</b> 0.0		\$ -	\$	-				<b>4</b> 3333		\$ -	\$	-
Subtota	Flat Rate Charges			\$ 81.70	\$	245.11	Subtotal	Flat Rate	Charge	s		\$ 90.61	\$ 2	271.83
<b>-</b>				\$ 119.68	\$	359.03	Total					\$ 128.06	\$ 3	384.18
Total														
Total														
	y Increase			\$ 23.58		7.0%	Quarterly	/ Increase	Э			\$ 25.14		7.0%

		terly Utility Bi			
\$	2020	2021	2022	2023	
5/8 "	\$ 313.61	\$ 335.46	\$ 359.03	\$ 384.18	
1"	\$ 660.59	\$ 883.77	\$ 961.41	\$ 1,056.06	
1.5"	\$1,761.62	\$ 2,202.54	\$ 2,353.88	\$ 2,551.75	
2 "	\$ 2,456.90	\$ 3,433.28	\$3,675.43	\$3,988.92	
3"	\$1,721.92	\$ 2,681.04	\$ 2,996.64	\$ 3,378.65	
4"	\$1,469.08	\$ 4,558.53	\$ 5,523.33	\$ 6,627.99	
% inc	#				
5/8 "	2149	7.0%	7.0%	7.0%	Residential
1"	40	33.8%	8.8%	9.8%	Hotels, Banks, Tim Hortons
1.5"	35	25.0%	6.9%	8.4%	McDonalds, Grocery Stores, Box Stores, Hote
2 "	18	39.7%	7.1%	8.5%	Carveth, Cardinal Health, PW, Condos, Playho
3"	4	55.7%	11.8%	12.7%	Splash Pad, Marina, Holiday Inn, Ramada Inn
4"	1	210.3%	21.2%	20.0%	Casino



### Capital Budget Overview

Capital Projects are funded by transfers from Reserves, Grants or Borrowing.

In Accordance with the 2020 Water Rate Study transfers to reserves, funded by flat rate capital fees are budgeted at;

- \$1,426,010 for Wastewater -\$ 870,515 for Water \$2,296,525 Total Contribution **Draft Capital Budget includes Expenditure of;** 

-\$ 1,434,785 for Wastewater -\$ 680,658 for Water \$2,115,443 Total Cost



### 2021 Water Wastewater Capital Projects



**Public Works Department- Utilities Division** 



### Capital Program Highlights

- 2019/2020 Capital Projects Majority of projects (40) have been completed and within budget (Total \$5,008,765.00) Three projects will be carried over to 2021
- 2021 Capital Budget and 10 Year Capital Plans are in line with DFA Water Rate Study and the 6 Year Financial Plan approved by Council
- Approved 6 Year Financial Plan has been submitted to Municipal Affairs and Housing
- Approved Financial Plans are a requirement of MECP MDWL and DWWP renewals (application due Feb 2021)



#### **Budget Challenges**

- Aging/failing infrastructure and the need to renew has a direct impact on water rates (DFA Water Rate Study)
- Small customer base to support financial sustainability for water/wastewater systems places mounting financial pressure on municipality and rate payer
- Ministry of Infrastructure funding grant application denied for large wastewater capital projects
- Section 19 of the Safe Drinking Water Act sets out the legal responsibilities and duties of Top Management, Mayor and Council are held to a "Standard of Care"

#### MUNICIPAL WATER SYSTEMS

# STANDARD of care

### Did you know?

ONTARIO'S SAFE DRINKING WATER ACT (2002) defines a statutory standard of care that must be maintained by everyone with oversight responsibilities for municipal drinking water systems. Members of municipal council and any municipal officials with decision-making authority over the drinking water system may be personally liable, even if the drinking water system is operated by a corporate entity other than the municipality. There are legal consequences for negligence, including possible fines or imprisonment. See the reverse side for the exact wording.



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### Utilities Division – Water Treatment

•	Lighting Upgrades – Replace Interior Lighting Energy Conservation	30K
•	Process Upgrades – Engineering Review HL Pumps VFD Installation	10K
•	MCC Electrical – Main Electrical Breaker Replacement	50K
•	Chlorine Analyzers – Replace Raw and Treated	30K
•	Sample Pumps – Replace Raw Water	5K
•	Actuators – Replace LL P2 & P3 Actuators	20K
•	Pump & Motor Refurbishment – Low Lift #3 & High Lift # 2	55K
•	Serge Relief Valve – Replace High Lift Serge Relief Valve	20K
•	Backflow – Replace BF Valve as per inspection Report	25K
_		
T	otal WTP Capital Budget	245K

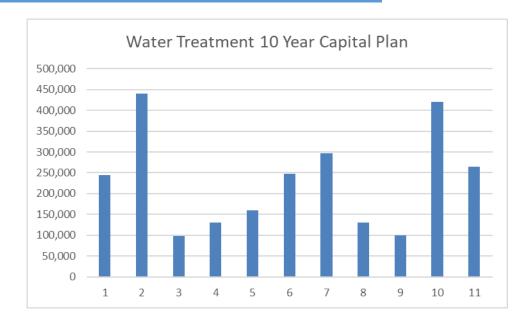






### WATER TREATMENT 10 Capital Plan / 2021 Capital Budget Deviations to Approved Financial Plan

2,532,000	10 Year Financial Plan Contributions submitted to DFA
2,532,000	10 year Financial Plan Contributions (Current)
0	Difference in 10 Year Plan Total Contributions
1,320,000	6 Year Financial Plan Contributions submitted to DFA
1,320,000	6 Year Financial Plan Contributions (Current)
0	Difference in 6 Year Plan Total Contributions

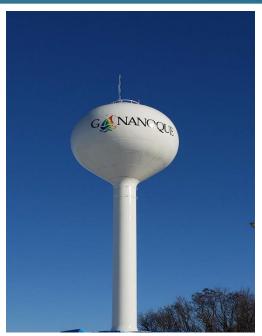




### Utilities Division – Water Distribution

Total WTP Capital Budget

•	Pine Street - Charles Street to William	266K
•	Fire Hydrant Replacement Program – Replace Older Hydrants	25K
•	Leak Detection - Water Audit Program – Find and Repair Non-Surfacing Leaks	25K
•	Automated Flushing Stations – Improve Water Quality Dead-end Locations	20K
•	Bulk Fill Station – Increase Revenues From Bulk Water Sales	75K
•	Corrosion Control Program – MECP Corrosion Control Plan	25K
•	Water Meter (New Subdivisions / Condo Developments	30K



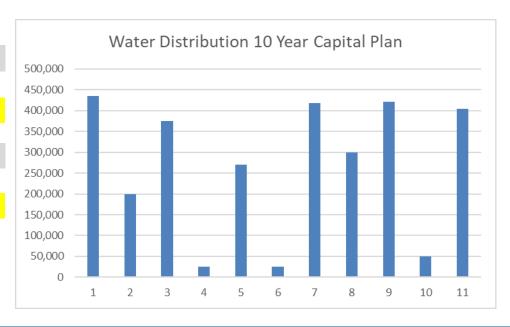


436K



### WATER DISTRIBUTION 10 Capital Plan / 2021 Capital Budget Deviations to Approved Financial Plan

2,923,865	10 Year Financial Plan Contributions submitted to DFA
2,923,865	10 year Financial Plan Contributions (Current)
0	Difference in 10 Year Plan Total Contributions
1,330,985	6 Year Financial Plan Contributions submitted to DFA
1,330,985	6 Year Financials Plan Contributions (Current)
0	Difference in 6 Year Plan Total Contributions





### Utilities Division – Wastewater Treatment

•	Building / Structure – Enclosed Structure Chemical Storage and Spill Containment	400K
•	Alum Bulk Storage Tank – New Chemical Storage Tank	75K
•	Pump #2 – Refurbish Pump & Motor	45K
•	New Spare Pump – Backup/Scheduled Maintenance and Future Upgrades	150K
•	Forcemain Upgrades – Engineering Services	150K
•	Sludge Removal – Cell #1	250K

Total WTP Capital Budget 1.07M







### WASTEWATER TREATMENT 10 Capital Plan / 2021 Capital Budget Deviations to Approved Financial Plan

11,972,600	10 Year Financial Plan Contributions submitted to DFA
11,972,600	10 year Financial Plan Contributions (Current)
0	Difference in 10 Year Plan Total Contributions
9,795,000	6 Year Financial Plan Contributions submitted to DFA
9,795,000	6 Year Financial Plan Contributions (Current)
0	Difference in 6 Year Plan Total Contributions





## Utilities Division – Wastewater Collection

•	Pine Street – Charles Street to William	313K
•	Service Lateral Replacement/Lining Manhole Refurb – Failing Laterals & Manholes	25K
•	Stone Street Fuel Tanks – Replace Does Not Meet TSSA Standard	15K
•	Stone Street North Pump – Refurbish Pump	12K
	Total WTP Capital Budget	365K







### WASTEWATER COLLECTION 10 Capital Plan / 2021 Capital Budget Deviations to Approved Financial Plan

2,528,454	10 Year Financial Plan Contributions submitted to DFA
2,528,454	10 year Financial Plan Contributions (Current)
0	Difference in 10 Year Plan Total Contributions
1,185,866	6 Year Financial Plan Contributions submitted to DFA
1,185,866	6 Year Financial Plan Contributions (Current)
0	Difference in 6 Year Plan Total Contributions





### Utilities Division – Fleet & Small Equipment

Mobile #3 Van – Replace Unit 2009
 50K

<u>Utility Trailer – Transporting Excavation Shoring Equipment and Overland Piping</u> 10K

Total WTP Capital Budget 60K







### FLEET 10 Capital Plan / 2021 Capital Budget Deviations to Approved Financial Plan

177,500	10 Year Financial Plan Contributions submitted to DFA
177,500	10 year Financial Plan Contributions (Current)
0	Difference in 10 Year Plan Total Contributions
127,500	6 Year Financial Plan Contributions submitted to DFA
127,500	6 Year Financial Plan Contributions (Current)
0	Difference in 6 Year Plan Total Contributions







THANK YOU!