2022 Operating Decision Packages

DP#	Status	Decision Package Name	Category	FTE	Оро	erating Cost	Revenue / Recovery / Offset	Tax - Growth Net Impact	Tax - Base Net Impact	Rate Net Impact
<u>20</u>	Recommend	Water Wastewater Lead Hand	Enhance / Growth	1	\$	99,643	-	-	-	99,643
<u>21</u>	Recommend	Water Wastewater Operator	Enhance / Growth	1	\$	85,572	-	-		85,572
<u>23</u>	Recommend	Stormwater CCTV Program Implementation	Replacements, Rehabilitation and/or Maintenance	0	\$	50,000	-	-	-	50,000
Total Ope	erating - Recon	nmended		8.0	\$	1,437,646	\$ 694,334	\$ 364,130	\$ 143,966	\$ 235,215

		2022 BUE							
Project / Initiative Name	Operating Decision Package Form Water Wastewater Lead Hand								
•		Resources Requirements	New		isian Baakaga #				
Net Costs	,		Resources		sion Package #				
	ement (select one):	Infrastructure Services Commission Yes Quote	n e Legislation:	Division/ Departments: Safe Drinking V	Public Works- Water/Was	stewater			
Logislativo resquire	smont (solest one).	Section 1 : Pro		Suite Diffixing V	vate: 760, 2002				
		1.1 - Project Classifica	ation and Over	view	<u> </u>				
Provide comprehensive ov	erview of the proje	ect request		Classification (select one):	Replacements, Rehabil and/or Maintenanc				
and Stormwater linear infrast currently maintained by a wo	tructure and all asso rkforce of 11 W & W ntain, an additional L	ewater (W &WW) Lead Hand to mainta ociated appurtenances. The estimated WW Licensed Operators and 2 Lead H .ead Hand is needed to oversee the coned.	total replacement	nt costs of the W & WW assets is owth in infrastructure the Water 8	\$ \$427 million. The system Wastewater business un	is are it is			
		1.2 - Project Alignmer	nt and Justifica	tion					
Outline justification for ne	ed of project requi	Cor	porate Alignme	ent & Opportunity (select one):	Commission or Departn Business Plan	nental			
Outline justification for ne	ed of project requi	25 1	,	, , , , , , , , , , , , , , , , , , , ,	Business Plan				
watermain, 2,358 municipally Stormwater systems in Newr to strict Water Quality Legisla Currently the Town W&WW	y owner fire hydrants market are deemed ation requiring a wa unit is operating with	nd maintaining all of the Towns water, s, 26,407 metered water services, 7 S to be the highest valve asset to replact ret quality sampling program, watermath two Lead Hands responsible for a nucheduling of proactive work programs a	ewage Pumping be in the Town's a ain flushing and wall umber of daily ac	Stations, and related infrastructure. Asset Inventory. Additionally the water quality monitoring to be carectivities and staff. The addition of	ure. The water, wastewate Town is responsible for ad ried out on an ongoing bas one (1) Lead Hand will allo	r and Thering sis.			
		1.3 - Levels of	of Service						
Outline the desired outcom	ne and/or benefits	Levels of	f Service & Infra	astructure Impact (select one):	Secures Existing Service & Addresses Infrastructu				
		lity to plan and schedule proactive mai arried out according to policy, regulatio							
		1.4 - Commur	nity Impact						
Outline Community Impact	(if applicable)		С	ommunity Impact (select one):	Minor Impact - Local B	enefit			
Failure to adequately operate and private property.	e and maintain wate	er and wastewater systems can have s	·	on health, regulatory requirements	s, customer service and pu	ıblic			
		1.5 - R	lisk						
Outline the risks associate	d with the project	both positive and negative	Risk Cate	gory (select highest risk area):	Operational				
			Timeli	nes for Potential Risk Impacts	Within 1 year	_			
Safe Drinking Water Act (SD requires that they exercise th	WA) of 2002 which he level of care, dilig	water infrastructure may have regulato expressly extends legal responsibility lence and skill with regard to a municip I that they exercise this due diligence h	to people with d pal drinking wate	lecision-making authority over mu er system that a reasonably prude	ınicipal drinking water syst	tems. It			

			Section 2 :					
An anatin a Oa ata		Details of I	Incremental Expendence		nd Revenue 2024	2025	0000	2027
Operating Costs Account #	Danasi	mainum	2022	2023	2024	2025	2026	2027
Account #	Descri	puon	5,000					
			5,000					
	+			+		+		
							-	
Account #	New Hire Requests	ln \$						
rtoodant ii	FTE	1	73,940	73,940	73,940	73,940	73,940	73,94
	PTE		,					
	CONTRACT							-
	BENEFITS - FTE		20,703	20,703	20,703	20,703	20,703	20,70
	BENEFITS - PTE		-	-	-	-	-	-
Total Operating Costs			99,643	94,643	94,643	94,643	94,643	94,64
ost Recoveries			2022	2023	2024	2025	2026	2027
Account #	Descri	ption						
otal Cost Recoveries				-	-	-	-	-
otal Net Cost		•	99,643	94,643	94,643	94,643	94,643	94,64
			Section 3	: Sign-off				
Collaboration		Consulted With						
P	repared By:			Reviewed By:		C	ommissioner:	

				BUDGET				
Project / Initiative Name			Operating Decisi	ion Package For Water Wastewa				
Net Costs	\$ 85,572	Resource	s Requirements	New Resources		Dec	ision Package #	
Commission/Area:	Development and I	nfrastructure Se	ervices Commiss		Divisio	n/ Departments:	Public Works- W	/ater/Wastewater
Legislative Requir	ement (select one):	No		ote Legislation:		Safe Drinking \	Water Act 2002	
		1.1	- Project Classi		rview			
Provide comprehensive ov	verview of the project	rt request			Classificati	ion (select one):	Enhance	/ Growth
This request is to recruit One and stormwater linear infrast currently maintained by a wo required to operate and main regulatory compliance is ma	e (1) Water & Waster tructure and all assoc orkforce of 11 W & W ntain, an additional C	water (W &WW) ciated appurtance	es. The estimated erators and 2 Lead	total replacement d Hands. Due to	t costs of the W 8 growth in infrastru	k WW assets is \$- acture the Water &	427 million. The s & Wastewater bus	systems are siness unit is
		1.2	2 - Project Alignn	nent and Justific	ation		Departmental	Non with Added
Outline justification for ne	eed of project reque	st	(Corporate Alignn	nent & Opportur	nity (select one):		Plan with Added rtunity
ONLY SELECT FROM PICK	CLIST IF COUNCIL	PRIORITY SELEC	CTED IN CORPO	RATE ALIGNME	NT & OPPORTUI	NITY SECTION A	BOVE	
Ongoing growth has resulted meters of Watermain, 6,800 treatment facilities, etc. The maintenance and legislative	meters of Sanitary s continued operation	ewer, 7,390 mete and maintenance	ers of Storm sewe of this infrastruct	er and all related in ture requires the a	nfrastructure, ie. f addition of a Wate	ire hydrant, valve er&Wastewater O	s, maintenance he perator to ensure	oles,stormwater ongoing
			1.3 - Leve	ls of Service				
Outline the desired outcor	ne and/or henefits			s of Service & Inf	frastructure Imn	act (select one):		g Service Levels
The addition of a Water&Wa		ill angura the Tau			<u> </u>	, ,		frastructure Gap
			1.4 - Comn	nunity Impact				
Outline Community Impact	t (if applicable)		1.4 - Comn		Community Imp.	act (select one):	Significant Impa	act - Town Wide
Outline Community Impact Failure to adequatley operat private property.	, ,,	and wastewater	systems can hav	e serious impacts		, ,	,	
Failure to adequatley operat private property.	e and maintain water		systems can have	e serious impacts	to health, regula	tory requirements	, customer servic	e and public and
Failure to adequatley operat	e and maintain water		systems can have	e serious impacts - Risk Risk Cat	to health, regula	tory requirements	, customer servic	e and public and
Failure to adequatley operat private property.	ed with the project best Water and Wastev	ooth positive and vater infrastructur expressly extends ence and skill with	systems can have regul s legal responsibil h regard to a mun	e serious impacts - Risk Risk Cat Time latory and public lity to people with icipal drinking wa	egory (select highlines for Potent nealth impacts. Tild decision-making ter system that a	ghest risk area): ial Risk Impacts eauthority over manauthority ov	Health au Within 3 dard of Care is Se unicipal drinking w	e and public and nd Safety months ection 19 of the vater systems. It
Failure to adequatley operat private property. Outline the risks associate Failure to maintain the Towr Safe Drinking Water Act (SE requires that they exercise the private of the property	ed with the project best Water and Wastev	vater infrastructur expressly extends ence and skill with that they exercise	systems can have 1.5 d negative re may have regul s legal responsibil h regard to a mun e this due diligend Section 2	e serious impacts - Risk Risk Cat Time latory and public h lity to people with hicipal drinking wa be honestly, comp	egory (select high elines for Potent nealth impacts. Ti decision-making ter system that a letently and with i	ghest risk area): ial Risk Impacts eauthority over manauthority ov	Health au Within 3 dard of Care is Se unicipal drinking w	e and public and nd Safety months ection 19 of the vater systems. It
Failure to adequatley operat private property. Outline the risks associate Failure to maintain the Town Safe Drinking Water Act (SI requires that they exercise the exercise in a similar situation operating Costs	ed with the project be as Water and Wastev bwA) of 2002 which he level of care, dilign. It is also expected	vater infrastructur expressly extends ence and skill with that they exercise	systems can have 1.5 d negative re may have regul s legal responsibil h regard to a mun e this due diligend	e serious impacts - Risk Risk Cat Time latory and public h lity to people with hicipal drinking wa be honestly, comp	egory (select high elines for Potent nealth impacts. Ti decision-making ter system that a letently and with i	ghest risk area): ial Risk Impacts eauthority over manauthority ov	Health au Within 3 dard of Care is Se unicipal drinking w	e and public and nd Safety months ection 19 of the vater systems. It
Failure to adequatley operat private property. Outline the risks associate Failure to maintain the Town Safe Drinking Water Act (SD requires that they exercise the exercise in a similar situation	ed with the project best Water and Wastev	vater infrastructur expressly extends ence and skill with that they exercise	systems can have 1.5 d negative re may have regules legal responsibile hegard to a mune this due diligence. Section 2	- Risk Risk Cat Time latory and public I lity to people with licipal drinking wa be honestly, comp	egory (select higher the selines for Potent health impacts. Till decision-making liter system that a letently and with in and Revenue	ghest risk area): ial Risk Impacts ne Statutory Stand authority over mu reasonably prude ntegrity.	Health au Within 3 dard of Care is Se unicipal drinking went person would	e and public and and Safety B months ection 19 of the vater systems. It be expected to
Failure to adequatley operat private property. Outline the risks associate Failure to maintain the Town Safe Drinking Water Act (SI requires that they exercise the exercise in a similar situation operating Costs	ed with the project be as Water and Wastev bwA) of 2002 which he level of care, dilign. It is also expected	vater infrastructur expressly extends ence and skill with that they exercise	systems can have 1.5 d negative re may have regules legal responsibile hegard to a mune this due diligence. Section 2	- Risk Risk Cat Time latory and public I lity to people with licipal drinking wa be honestly, comp	egory (select higher the selines for Potent health impacts. Till decision-making liter system that a letently and with in and Revenue	ghest risk area): ial Risk Impacts ne Statutory Stand authority over mu reasonably prude ntegrity.	Health au Within 3 dard of Care is Se unicipal drinking went person would	e and public and and Safety B months ection 19 of the vater systems. It be expected to
Failure to adequatley operat private property. Outline the risks associate Failure to maintain the Town Safe Drinking Water Act (SI requires that they exercise the exercise in a similar situation operating Costs	ed with the project be as Water and Wastev bwA) of 2002 which he level of care, dilign. It is also expected	vater infrastructur expressly extends ence and skill with that they exercise	systems can have 1.5 d negative re may have regules legal responsibile hegard to a mune this due diligence. Section 2	- Risk Risk Cat Time latory and public I lity to people with licipal drinking wa be honestly, comp	egory (select higher the selines for Potent health impacts. Till decision-making liter system that a letently and with in and Revenue	ghest risk area): ial Risk Impacts ne Statutory Stand authority over mu reasonably prude ntegrity.	Health au Within 3 dard of Care is Se unicipal drinking went person would	e and public and and Safety a months ection 19 of the vater systems. It be expected to
Failure to adequatley operat private property. Outline the risks associate Failure to maintain the Town Safe Drinking Water Act (SI requires that they exercise the exercise in a similar situation operating Costs	e and maintain water ed with the project to ss Water and Wastev DWA) of 2002 which one level of care, diligen. It is also expected Descrip	vater infrastructur expressly extends ence and skill with that they exercise	systems can have 1.5 d negative re may have regules legal responsible hegard to a mune this due diligence Section 2 Incremental Expera	e serious impacts - Risk Risk Cat Time latory and public h lity to people with nicipal drinking wa be honestly, comp : Financials nditures, Savings 2023	egory (select higher the selection of th	ghest risk area): ial Risk Impacts ne Statutory Stand authority over mu reasonably prude ntegrity.	Health au Within 3 dard of Care is Se unicipal drinking went person would l	e and public and and Safety B months action 19 of the vater systems. It be expected to
Failure to adequatley operat private property. Outline the risks associate Failure to maintain the Town Safe Drinking Water Act (SE requires that they exercise the exercise in a similar situation of the second	e and maintain water ed with the project to is Water and Wastev DWA) of 2002 which one level of care, diligon. It is also expected	vater infrastructur expressly extends ence and skill with that they exercise	systems can have 1.5 d negative re may have regules legal responsibile hegard to a mune this due diligence. Section 2	- Risk Risk Cat Time latory and public I lity to people with licipal drinking wa be honestly, comp	egory (select higher the selines for Potent health impacts. Till decision-making liter system that a letently and with in and Revenue	ghest risk area): ial Risk Impacts ne Statutory Stand authority over mu reasonably prude ntegrity.	Health au Within 3 dard of Care is Se unicipal drinking went person would	e and public and and Safety a months ection 19 of the vater systems. It be expected to
Failure to adequatley operat private property. Outline the risks associate Failure to maintain the Town Safe Drinking Water Act (SE requires that they exercise the exercise in a similar situation of the second	e and maintain water ed with the project be as Water and Wastev WA) of 2002 which one level of care, diligon. It is also expected Descrip New Hire Requests In	vater infrastructur expressly extends ence and skill with that they exercise	systems can have 1.5 d negative re may have regules legal responsible hegard to a mune this due diligence Section 2 Incremental Expera	e serious impacts - Risk Risk Cat Time latory and public h lity to people with nicipal drinking wa be honestly, comp : Financials nditures, Savings 2023	egory (select higher the selection of th	ghest risk area): ial Risk Impacts ne Statutory Stand authority over mu reasonably prude ntegrity.	Health au Within 3 dard of Care is Se unicipal drinking went person would l	e and public and and Safety amonths action 19 of the vater systems. It be expected to

Total Cost Recoveries		-	-	-	•	•	-
Total Net Cost	_	85,572	85,572	85,572	85,572	85,572	85,572
		Section 3 : S	ign-off				
Collaboration	Consulted With						
Prepared By	y:	Reviewed By:			Commissioner:		
Rob Gillis, Manager Wate	r & Wastewater	Mark Agnoletto			Peter Noehammer		

Declare Helder		Operating De	22 BUDGET		
Project / Initiative Name Net Costs		Resources Requireme	No New	ram Implementation	ision Package #
		nfrastructure Services Comr	Resources	Division/ Departments:	Engineering Services
	rement (select one):		Quote Legislation:	Division/ Departments.	Engineering dervices
			1 : Project Scope	rviou	
Provide comprehensive o	verview of the proje		issincation and Ove	Classification (select one):	Replacements, Rehabilitation and/or Maintenance
CCTV inspections are the fo	oundation of modern, i	isk-based management of sev		y owns 284 kilometers of stormwate As the system ages, defects will inc	
through regular operations be thisk in the system can be ma municipalities and utilities the can use risk and economics based on the Town's storm. Contracted services will conpoint produced by the inspection of the Town. The data work of staff and contractors through early detection. The Town cannot conduct prograc CCTV inspections. Outline justification for nearly selection of the Town.	pecause the pipes are anaged. Without such at own sewer network to schedule inspectic water network size. Iduct inspections by fection is a 5 point cond ta that is produced will so. The risk in the syste data can also be agg arms such as road resi	underground. To manage a sy a program, the risk of failure a standard practice to fins or repairs. In some cases, it is a standard practice to fins or repairs. In some cases, it is a standard practice to fins or repairs. In some cases, it is in a camera through the station rating, with 1 being very go to be analyzed to optimize repair in will be quantified and mana regated to model system level urfacing, road replacement, see the control of the control	stem of the Town's s and the service disrup irst establish baseline follow up inspections ewer, and coding the lood and 5 being imm r methods and timing ged proactively. Failu deterioration, which o wer replacement, sev gnment and Justific Corporate Alignm RPORATE ALIGNMEI Current estimates sug	e proposed CCTV program. These izze, a regular inspection program in tion to residents is unknown. CCTV conditions in the entire system, at may not be required for many year defects using an international proteinent failure. The outputs of these integrate repairs with other assets res such as sewer back-ups, floodigreatly enhances the ability to forecare lining, I&I reduction, debris remulation. **Table Comportunity** (select one):** **Tabl	eeds to be created so that the is a standard practice in all which point tactical monitoring s. This program is a minimum cost of the cost
of repair, is maintained to a enefit to the surrounding as	level that its full value ssets such as roads -	is realized, and that services of by using tactical programs like wn's ability to deliver on the Co	can continue to be del CCTV, trenchless re uncil Priority as it app	livered sustainably. Maintaining the pairs are more prevalent and cuts i lies to a \$400 Million + sewer netw	underground sewers also adds nto the road surface are avoided
			evels of Service		Secures Existing Service Levels
Outline the desired outcor				rastructure Impact (select one): led frequency and the information is	& Addresses Infrastructure Gap
		rater sewer network, which is o	of a similar size and re	nchless repairs. As previously expl aplacement value.	ain, the proposed service level for
Outline Community Impac	1 (If any line kin)	1.4 - 00	ommunity Impact	Community Impact (select one):	Minor Impact - Local Benefit
					<u> </u>
			1.5 - Risk		
Outline the risks associate	ed with the project b	oth positive and negative	Risk Cat	egory (select highest risk area):	Operational
			Time	lines for Potential Risk Impacts	Within 3 years
0.2% of the replacement val especially in terms of risk ma Management Framework) si environments, due to mobilis state (which they are not). Ir than 1% of the premium cost because of the condition rat As explained throughout this condition data will significant as well holistically over the lot The risks associated with ur funds as repairs or defects a which may disrupt other sen	lue of a sewer. The va anagement. This is be uggest that replacing a zation and escalated or aspecting the entire syst that would be realize ings produced by CC's s proposal, the purposally improve the Town's ong term through proparties and adertaking the programare uncovered. Howevices. In addition, cou	alue that is extracted from a verous fore the premium cost of failur a failled stormwater asset in a cost. In a \$411M system, this versem over 5 years will cost apart by managing the entire system. The of CCTV is to detect and average of the cost of the cos	ry cheap CCTV inspectives a splied. Studies a creactive manner can could translate to an approximately \$850K (\$ me reactively over time oid risk in an expansion re, and will provide the istainability. CCTV is a to manage the contribution with failures to occuricipalities liable for the	cost of a sewer is \$1450 per mete ction is considerable when the replexamined by staff (e.g. City of Guelcost 25% to 30% more than replaciextra \$100M in potential risk expos 170K) per year, meaning that the cle. After 5 years, exposure of the ele. After 5 years, exposure of the ele. After 5 years of the ele. After 5 years, exposure of the ele. After 5	acement cost is compared, ph Linear Assets Risk ng it under planned and controlleure, if every sewer were in a failer ost of an inspection is also less nitire system will be established CTV inspections with proper it at a tactical level through repair stormwater sewers.
			n 2 : Financials		
Operating Costs		Details of Incremental E 2022	xpenditures, Savings 2023	and Revenue 2024 2025	2002
		2022		2021	2026 2027
Account #	Descrip	tion			2026 2027
	Descrip CCTV Program				2026 2027
		tion			2020 2021
45004.4278.06	CCTV Program	50,0			2026 2021
	New Hire Requests In	50,0			2026 2021
45004.4278.06	CCTV Program New Hire Requests In FTE PTE	50,0			2026 2021
45004.4278.06	New Hire Requests In FTE PTE CONTRACT BENEFITS - FTE	50,0			2026 2021
5004.4278.06 Account #	CCTV Program New Hire Requests In FTE PTE CONTRACT	50,0	00		2020 2021
45004.4278.06	New Hire Requests In FTE PTE CONTRACT BENEFITS - FTE	\$ 50,0 50,0 \$ 50,0	00	2024 2025	2026 2027

50,000

Total Cost Recoveries
Total Net Cost

Collaboration Consulted With Prepared By: