

Capital Budget Request - DESIGN

Project Name	Saunderson Pressure Reducing Valve (P	sign \$ 450,000	
Order Code	New	Project Location	Lower Townsite
Project Category	Environmental	Ward	1
Type of Project	Lifecycle - Design	Municipal Function	41 - Water Sup & Distribution

Project Description and Scope

This project is generated from an engineering study on the Lower Townsite 4 Way Chamber and Twin Lines project. The result of the engineering study proposed a redesign from a 4 way chamber to a pressure reducing valve station (PRV) and reduce the number of watermains connecting the Abasand Reservoir from two to one. This redesign will result in a more efficient operation and reduction in maintenance costs to the water system network south of the Athabasca River. Additionally, potential savings in excess of \$4M in construction costs would be realized.

Project Cash Flows

Year	Total Annual Cost	Federal Grant	Provincial Grant	Reserve	Other	Debenture
2017 & Prior	-					
2018	450,000			450,000		
2019	-					
2020	-					
2021	-					
2022	-					
Thereafter	-					
Total	450,000	-	-	450,000	-	-

Additional Funding Details

Attachment 5

CURRENT PROJ AMENDED PRO DRDER CODES CURRENT PROJ Year 2017 & Prior 2018 2019 2020 Thereafter TOTAL	(if assigned): ECT BUDGET Annual Cost 5 3,024,000 3,360,000 8,640,000 - -	Saunders Grou 0252 Fed G \$ 	son Press p I/O 2017	ure Redu Reve 70		es (PF	Donald to 4-W RV) and Lower Expense I/O 601474 Reserves 3,024,000 3,360,000 8,640,000	, Fownsite S	upply L Dject	Consolic	lation ure Financed -
VRRENT PROJ Year 2017 & Prior 2018 2019 2020 Thereafter TOTAL	ECT BUDGET Annual Cost 3,024,000 3,360,000 8,640,000 - - - 5 15,024,000 AND COMMITME	Grou 0252 Fed G \$	p I/O 2017 Grants - - - - -	Reve 70 Prov	enue I/O 00880 / Grants - - -	-	Expense I/O 601474 Reserves 3,024,000 3,360,000	Pro Other Sou	oject		
VRRENT PROJ Year 2017 & Prior 2018 2019 2020 Thereafter TOTAL	ECT BUDGET Annual Cost 3,024,000 3,360,000 8,640,000 - - - 5 15,024,000 AND COMMITME	0252 Fed G	2017 irants - - - - -	70 Prov	00880 / Grants - - -		601474 Reserves 3,024,000 3,360,000	Other Sol	urces	Debenti	
VRRENT PROJ Year 2017 & Prior 2018 2019 2020 Thereafter TOTAL	ECT BUDGET Annual Cost 3,024,000 3,360,000 8,640,000 - - - 5 15,024,000 AND COMMITME	Fed G	irants - - - - -	Prov	v Grants - - -	\$	Reserves 3,024,000 3,360,000				ure Financed - -
Year 2017 & Prior 2018 2019 2020 Thereafter TOTAL	Annual Cost 3,324,000 3,360,000 8,640,000 - - - 5 15,024,000 AND COMMITMENTIC	\$ 	- - - - -		-	\$	3,024,000 3,360,000				ure Financed - -
2017 & Prior 2018 2019 2020 Thereafter TOTAL	\$ 3,024,000 3,360,000 8,640,000 - - 5 15,024,000 AND COMMITME	\$ 	- - - - -		-	\$	3,024,000 3,360,000				re Financea - -
2018 2019 2020 Thereafter TOTAL	3,360,000 8,640,000 - - 5 15,024,000 AND COMMITME	\$		\$ 	-	Ş	3,360,000	Ş	-	Ş	-
2019 2020 Thereafter TOTAL	8,640,000 - - \$ 15,024,000		-		-		, ,		-		-
2020 Thereafter TOTAL	5 15,024,000		-				8,040,000				
Thereafter TOTAL	5 15,024,000				-						-
TOTAL	5 15,024,000						-		-		-
			-	\$	-	\$	- 15,024,000	\$	-	\$	-
JRRENT COST				Ş	-	Ş	15,024,000	Ş	-	Ş	-
nes from Ma duce the bu onsolidating e Saunderso nd Lower Tow ducing the f ation allows	ent is to consolida icDonald to the 4- dget by \$4M. the two construct on Pressure Reduct wnsite Supply Lind requency of repai for the reduction uction costs.	-Way Cha tion proje cing Valve es will rep irs in that	mber pr ects allov (PRV) S place agi area an	oject (IC ws for ef tation fr ng supp d reduc	D#601474 fficient ar rom Macl Ily lines fr ing maint	l); ch nd eff Dona om N cenar	ange the nam ective contra Id Ave and to NacDonald Av ice expenses.	e of the p ct manage the Abasa e to the r Redesigni	roject; ement and Re edesig ng froj	to ensure servoir. Tl ned Saund m a 4 Way	he scope, and seamless tie he (PRV) Sta erson PRV St Chamber to
	OJECT BUDGET										
Year	Annual Cost	Fed G	rants	-	/ Grants		Reserves	Other Sol	urces	1	ure Financed
2017 & prior	-	\$	-	\$	-	\$	-	\$	-	\$	-
		1	-		-		-		-		-
2018	-										
2018 2019	-		-		-		-		-		-
2018			-		-		-		-		-
2018 2019 2020 Thereafter	-		- - -				-				-
2018 2019 2020	-	\$		\$		\$		\$		\$	
2018 2019 2020 Thereafter TOTAL	-	\$		\$		\$	-	\$		\$	
2018 2019 2020 Thereafter TOTAL	- - - e		-	-							
2018 2019 2020 Thereafter TOTAL Udget Chang	- - - e - - - - - - - - - - - - - - - - - - -)\$	-	\$ \$		\$	- - - (15,024,000)			\$	- - - - - -
2018 2019 2020 Thereafter TOTAL Udget Chang TOTAL	- - - - - - - - - - - - - - - - - - -) \$ CY CRITE	- - - RIA:	\$	-	\$					- - - - -
2018 2019 2020 Thereafter TOTAL Udget Chang TOTAL SCAL RESP SCAL RESP	- - - - - - - - - - - - - - - - - - -) \$ CY CRITE	- - - RIA: e and proj	\$ Tect delive	- - - - rry process?	\$					- - - - - Yes
2018 2019 2020 Thereafter TOTAL COTAL SCAL RESP SCAL RESP SCAL RESP ill the change r	- - - - - - - - - - - - - - - - - - -) \$ CY CRITE dministrative r cancellatio	- - - RIA: e and proj on of a cap	\$ iect delive	- - - rry process?	\$					- - - - Yes Yes
2018 2019 2020 Thereafter TOTAL Udget Chang TOTAL SCAL RESP ill the change r ill the change r	- - - - - - - - - - - - - - - - - - -) \$ CY CRITE dministrative r cancellatio	- - - RIA: e and proj on of a cap	\$ iect delive	- - - rry process?	\$					- - - - Yes

						Attachment 6	
	Regional Municipal F WOOD BUFFAI	.O		САР	ITAL BUDGET	AMENDMENT Council	
	OJECT NAME:	•		ower Townsite Reser			
AMENDED PROJECT NAME:			ure Reducing Valv		roject Consolidation		
ORDER CODES (if assigned):		Group I/O 0382017	Revenue I/O 700893	Expense I/O 601487	Project CC	onsolidation	
	OJECT BUDGET	0382017	700893	601487			
Year	Annual Cost	Fed Grants	Prov Grants	Reserves	Other Sources	Debenture Financed	
2017 & Prior	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
2017 & FIIO 2018	9,000,000	- -	- -	9,000,000	- ب	- ب	
2019	6,500,000	-	-	6,500,000	-	-	
2020	-	-	-	-	-	-	
Thereafter	-	-	-	-	-	-	
TOTAL	\$ 15,500,000	\$-	\$ -	\$ 15,500,000	\$ -	\$ -	
CURRENT CO		лт					
	As at	Current Budget	Actual to Date	Commitments	Available	_	
	3/23/2018	\$ 15,500,000	\$-	\$ -	\$ 15,500,000		
DESCRIPTIO	N/RATIONALE FOR		MENT				
	ment is to consolida			Lines project (IO#	601497) with th	water Sower	
	ines from MacDona	-			•	-	
		=		. (10#001474), cha	inge the name o	i the project,	
amenu the s	scope, and reduce t	ne buuget by 54	vi.				
Course l'alerti							
	ng the two construc				-		
	in to the Saunders						
	The (PRV) Station a						
	igned Saunderson F					-	
-	edesigning from a 4	-				ins from two to	
one connec	ting the Abasand Re	servoir to PRV St	ation and saving	s \$41VI in construct	lon costs.		
AMENDED	PROJECT BUDGET						
Year	Annual Cost	Fed Grants	Prov Grants	Reserves	Other Sources	Debenture Financed	
2017 & prior	\$ -	\$-	\$-	\$-	\$-	\$-	
2018	7,000,000	-	-	7,000,000	-	-	
2019	19,524,000	-	-	19,524,000	-	-	
2020	-	-	-	-	-	-	
Thereafter	-	-	-	-	-	-	
TOTAL	\$ 26,524,000	\$ -	\$-	\$ 26,524,000	\$ -	\$ -	
Budget Cha	nge						
	A	4					
TOTAL	\$ 11,024,000	\$-	\$ -	\$ 11,024,000	\$-	\$ -	
FISCAL RES	PONSIBILITY POLI	CY CRITERIA:					
Will the chang	e result in an efficient ac	Iministrative and pro	ject delivery process	;?		Yes	
Will the chang		Yes					
Will the underl	ying scope change alter	the nature and type	of capital project?			n/a	
	and founding to the state	was the first of	aanabia stisse f	and from fulling 1	d maniarte est		
	nal funding is required, o sources such as grants a		-			n/a	
	e result in Council set de		, ,			No	
			5			-	

In order for this to be a Fiscal Management Policy Amendment the questions above must answer, Yes, No, No, Yes, No, respectively.