



South Red Deer Regional Wastewater Commission

2020 Financial Plan and Budget (Version 2.0 - November 22nd, 2019)

2019 - 2021 Operating Budget

2019 - 2021 Capital Budget

2019 - 2027 Infrastructure Plan

Table ES
South Red Deer Regional Wastewater System
2020 Financial Plan and Budget
Operating Financial Summary
Years 2019-2022

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	2019 Projected	2020 Budget	2021 Budget	2022 Budget
Yearly Wastewater Volume (m3)				
Olds	1,337,458	1,282,495	1,295,320	1,308,273
Mountain View County	4,972	4,104	4,186	4,270
Bowden	142,421	139,701	139,701	139,701
Innisfail	956,315	883,389	892,223	901,145
Penhold	258,495	257,236	259,809	262,407
Red Deer County	634,457	626,734	633,002	639,332
Septage Receiving Stations	21,437	20,930	21,139	21,351
Total Volume	3,355,555	3,214,590	3,245,380	3,276,479
Revenue				
Rates to Members / m3	\$2.30	\$2.35	\$2.43	\$2.47
Members Rate Revenue	\$7,668,471	\$7,505,101	\$7,834,905	\$8,040,166
Members Contributions	\$0	\$0	\$0	\$0
Septage Receiving Station Rate	\$5.84	\$6.32	\$6.53	\$6.64
SRS Rate Revenue	\$125,094	\$132,273	\$138,143	\$141,822
Other Revenue	\$29,389	\$29,460	\$29,460	\$29,460
Total Revenue	\$7,822,955	\$7,666,834	\$8,002,508	\$8,211,448
Expenditure				
Governance and Administration	\$171,440	\$224,306	\$229,204	\$234,934
Treatment by City of Red Deer				
Rate / m3	\$1.11	\$1.15	\$1.18	\$1.21
Treatment Costs	\$3,731,183	\$3,680,800	\$3,823,964	\$3,957,071
System O & M	\$1,478,435	\$1,893,872	\$2,045,440	\$2,112,278
Special Projects	\$0	\$0	\$0	\$0
Debenture Payments	\$863,249	\$863,249	\$863,249	\$863,249
Operating Reserves	\$150,000	\$150,000	\$150,000	\$150,000
Unrestricted Surplus	\$869,648	\$70,608	\$106,652	\$109,915
Capital Reserves	\$559,000	\$784,000	\$784,000	\$784,000
Total Expenditure	\$7,822,955	\$7,666,834	\$8,002,508	\$8,211,448
Reserves and Surplus Balances at Year End				
Rate Stabilization Reserve	\$277,675	\$327,675	\$377,675	\$427,675
Emergency, O & M	\$741,193	\$841,193	\$941,193	\$1,041,193
Capital Reserves	\$1,416,968	\$528,668	\$478,668	\$958,668
Accumulated Operating Surplus	\$2,407,771	\$2,478,378	\$2,585,031	\$2,694,946

Table E1
South Red Deer Regional Wastewater Commission
2020 Financial Plan and Budget
Governance and Administration Revenue and Expense
Years 2019-2022

	2019		2020	2021	2022
	Budget	Projected	Budget	Budget	Budget
General Cost Inflation			1.3%	2.5%	2.5%
OPERATING REVENUE					
4551 Interest Income	\$26,884	\$28,960	\$28,960	\$28,960	\$28,960
4549 Other Income		\$429	\$500	\$500	\$500
4359 Member Contributions		\$0	\$0	\$0	\$0
Total Revenue	\$26,884	\$29,389	\$29,460	\$29,460	\$29,460
OPERATING EXPENSE					
Board					
5151 Board Honoraria	\$16,614	\$12,661	\$16,328	\$16,573	\$16,987
5152 Chair Honoraria	\$3,824	\$3,720	\$3,931	\$3,990	\$4,090
5210 Board Expenses	\$0	\$0	\$0		
5211 Mileage and Travel	\$2,348	\$2,090	\$2,714	\$2,782	\$2,852
5212 Meals and Accommodation	\$567	\$1,338	\$1,060	\$1,087	\$1,114
5227 Insurance	\$13,861	\$13,861	\$14,188	\$14,543	\$14,907
5262 Meeting Room Rental	\$0	\$0	\$0	\$0	\$0
Subtotal Board Expense	\$37,214	\$33,670	\$38,222	\$38,975	\$39,949
Administration Expenses					
5211 Travel	\$5,460	\$2,475	\$5,625	\$5,738	\$5,881
5212 Accommodation and Meals	\$510	\$208	\$500	\$510	\$523
5215 Postage & Courier	\$1,855	\$296	\$1,900	\$1,948	\$1,996
5216 Telephone	\$360	\$560	\$365	\$373	\$382
5217 Internet, Data Lines	\$0	\$540	\$0	\$0	\$0
5221 Advertising	\$1,000	\$0	\$1,500	\$1,530	\$1,568
5222 Membership Fees	\$250	\$53	\$250	\$255	\$261
5223 Licenses and Permits	\$949	\$297	\$1,247	\$1,272	\$1,304
5227 Insurance	\$1,826	\$1,826	\$1,913	\$1,951	\$2,000
5231 Accounting & Audit Services	\$18,000	\$18,135	\$20,000	\$20,400	\$20,910
5232 Legal Fees	\$5,000	\$411	\$5,000	\$5,100	\$5,228
5233 General Engineering	\$2,500	\$0	\$0	\$0	\$0
5234 CAO Contract	\$58,420	\$66,648	\$64,995	\$66,295	\$67,952
5238 Other Professional Services	\$15,000	\$4,035	\$37,488	\$38,425	\$39,386
5262 Building Rental	\$500	\$0	\$500	\$513	\$525
5288 Other Technical Services	\$2,500	\$78	\$1,000	\$1,025	\$1,051
5362 Financial Services	\$12,770	\$7,650	\$7,500	\$7,688	\$7,880
5363 SRD Office Rental - Office Facility	\$22,500	\$24,406	\$27,600	\$28,290	\$28,997
5514 Computer and Electronic Equip	\$1,500	\$1,200	\$1,000	\$1,025	\$1,051
5515 Office Supplies	\$2,500	\$2,753	\$3,600	\$3,690	\$3,782
5516 Office Equipment	\$2,500	\$6,199	\$3,600	\$3,690	\$3,782
5811 Bank Charges & Short Term Interest	\$500	\$0	\$500	\$513	\$525
Subtotal Administration	\$156,400	\$137,770	\$186,084	\$190,229	\$194,984
Total Expense	\$193,614	\$171,440	\$224,306	\$229,204	\$234,934
Surplus (Deficit Recovered from Rates)		(\$142,051)	(\$194,845)	(\$199,743)	(\$205,474)

Table 6.1
South Red Deer Regional Wastewater System
2020 Financial Plan and Budget
Expenditures for Governance and Administration
Years 2019-2022

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	2019		2020	2021	2022
	Budget	Projected	Budget	Budget	Budget
General Inflationary Allowance				2.5%	2.5%
Expense					
<u>Commission Board</u>					
Board Honorairums	\$20,438	\$16,381	\$20,259	\$20,563	\$21,077
Board Expense	\$16,776	\$17,289	\$17,963	\$18,412	\$18,872
	<u>\$37,214</u>	<u>\$33,670</u>	<u>\$38,222</u>	<u>\$38,975</u>	<u>\$39,949</u>
<u>General Administrative Services</u>					
CAO Services Contract	\$58,420	\$66,648	\$64,995	\$66,295	\$67,952
Admin Services & Office	\$35,270	\$32,056	\$35,100	\$35,978	\$36,877
Audit Services Contract	\$18,000	\$18,135	\$20,000	\$20,400	\$20,910
Other Professional and Consulting	\$5,500	\$411	\$5,500	\$5,613	\$5,753
General Goods and Services	\$39,210	\$20,520	\$60,489	\$61,944	\$63,492
	<u>\$156,400</u>	<u>\$137,770</u>	<u>\$186,084</u>	<u>\$190,229</u>	<u>\$194,984</u>
Gross Costs	\$193,614	\$171,440	\$224,306	\$229,204	\$234,934
<u>Less:</u>					
Interest Income	(\$26,884)	(\$28,960)	(\$28,960)	(\$28,960)	(\$28,960)
Other Income	\$0	(\$429)	(\$500)	(\$500)	(\$500)
Net Costs to be Recovered	\$166,730	\$142,051	\$194,845	\$199,744	\$205,474
To be Recovered from Rates	\$166,730	\$142,051	\$194,845	\$199,744	\$205,474
To be Recovered by Direct Contribution	\$0	\$0	\$0	\$0	\$0
Direct Contributions from Members					
	%				
Town of Olds	30%	\$0	\$0	\$0	\$0
Town of Innisfail	30%	\$0	\$0	\$0	\$0
Red Deer County	15%	\$0	\$0	\$0	\$0
Mountain View County *	15%	\$0	\$0	\$0	\$0
Town of Penhold	5%	\$0	\$0	\$0	\$0
Town of Bowden	5%	\$0	\$0	\$0	\$0
	100%	\$0	\$0	\$0	\$0

Table 6.2
South Red Deer Regional Wastewater System
2020 Financial Plan and Budget
Actual and Projected Wastewater Volumes
Years 2019-2022

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	2016 Actual	2017 Actual	2018 Actual	2019		2020 Budget	2021 Budget	2022 Budget
				Budget	Projected			
Olds								
Growth Rate						-4.1%	1.0%	1.0%
Annual Volume (m3)	1,446,230	1,315,552	1,194,476	1,258,170	1,337,458	1,282,495	1,295,320	1,308,273
Population			10,244		10,484	10,589	10,695	10,802
Wastewater Generation (lcd)			319		350	332	332	332
Mountain View County								
Growth Rate						-17.5%	2.0%	2.0%
Annual Volume (m3)	4,042	3,576	3,764	3,760	4,972	4,104	4,186	4,270
Bowden								
Growth Rate						-1.9%	0.0%	0.0%
Annual Volume (m3)	143,363	151,360	171,888	160,302	142,421	139,700.70	139,701	139,701
Population			1,240		1,240	1,240	1,240	1,240
Wastewater Generation (lcd)			380		315	309	309	309
Innisfail								
Growth Rate						-7.6%	1.0%	1.0%
Annual Volume (m3)	993,323	879,967	813,886	850,526	956,315	883,389	892,223	901,145
Population			7,847		7,953	7,953	7,953	7,953
Wastewater Generation (lcd)			284		329	304	307	310
Penhold								
Growth Rate						-0.5%	1.0%	1.0%
Annual Volume (m3)	239,748	256,598	256,616	251,122	258,495	257,236	259,809	262,407
Population			3,165		3,197	3,229	3,261	3,294
Wastewater Generation (lcd)			222		222	218	218	218

Table 6.2
South Red Deer Regional Wastewater System
2020 Financial Plan and Budget
Actual and Projected Wastewater Volumes
Years 2019-2022

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	2016 Actual	2017 Actual	2018 Actual	2019		2020 Budget	2021 Budget	2022 Budget
				Budget	Projected			
Septage Receiving Stations								
Growth Rate						-2.4%	1.0%	1.0%
Annual Volume (m3)	20,922	18,829	22,524	20,745	21,437	20,930	21,139	21,351
Total Regional Line	2,847,628	2,625,882	2,463,154	2,544,625	2,721,171	2,587,856	2,612,378	2,637,147
Springbrook								
Growth Rate						-2.3%	1.0%	1.0%
Annual Volume (m3)	165,299	163,720	158,273	162,217	166,809	162,934	164,563	166,209
Gasoline Alley								
Growth Rate						-0.8%	1.0%	1.0%
Annual Volume (m3)	463,131	453,334	470,419	465,961	467,648	463,800	468,438	473,123
Total Waskasoo	628,430	617,054	628,692	628,178	634,457	626,734	633,002	639,332
Total SRD System	3,476,058	3,242,936	3,091,846	3,172,803	3,355,628	3,214,590	3,245,380	3,276,479
Estimates from 2012								
Business Plan	4,266,916	4,366,380	4,408,701	4,598,322	4,598,322	4,732,274	4,843,877	4,972,029
Average Daily Volume								
Regional Line	7,802	7,194	6,730		7,455	7,090	7,157	7,225
Waskasoo Line	1,722	1,691	1,718		1,738	1,717	1,734	1,752
Total SRD System	9,523	8,885	8,448		9,194	8,807	8,891	8,977

Table 6.3
South Red Deer Regional Wastewater System
2020 Financial Plan and Budget
System Operations Expense and Revenue to be Raised from Rates
Years 2019-2022

<u>Index</u>	2019		2020	2021	2022
	Budget	Projected			
Inflationary Factor				2.5%	2.5%
Governance and Administration	\$166,730	\$142,051	\$194,845	\$199,744	\$205,474
Operations and Maintenance					
<u>Waste Water Treatment Services</u>					
City of Red Deer Treatment Rate	\$1.09	\$1.11	\$1.15	\$1.18	\$1.21
Projected Rate Increase			2.5%	2.5%	2.5%
Allowance: Increases/Extra Charges					
Total Rate	\$1.09	\$1.11	\$1.15	\$1.18	\$1.21
Treatment Costs	\$3,630,405	\$3,731,183	\$3,675,800	\$3,818,839	\$3,951,818
Prior Year Adjustment		\$0			
Allowance - Over Strength Charge	\$10,000	\$0	\$5,000	\$5,125	\$5,253
Total Wastewater Treatment	\$3,640,405	\$3,731,183	\$3,680,800	\$3,823,964	\$3,957,071
<u>Transmission System Operations</u>					
OSC Operations Services Contract	\$592,484	\$409,376	\$484,904	\$497,027	\$509,452
MF Management and Financial	\$55,920	\$66,648	\$64,995	\$66,620	\$68,285
PS Professional Services	\$12,400	\$6,481	\$77,400	\$79,335	\$81,318
OGS Operating Goods and Services	\$102,451	\$111,776	\$114,396	\$118,199	\$122,139
MR Maintenance and Repair	\$142,085	\$95,143	\$238,500	\$244,463	\$250,574
UT Utilities	\$407,383	\$353,819	\$404,646	\$518,040	\$545,708
CH Chemicals	\$592,696	\$435,192	\$509,031	\$521,757	\$534,800
	\$1,905,419	\$1,478,435	\$1,893,872	\$2,045,440	\$2,112,278
Total O & M Costs	\$5,545,824	\$5,209,617	\$5,574,672	\$5,869,403	\$6,069,350
Transfer to Operating Reserves					
Rate Stabilization Reserve	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
Emergency Response, O & M Reserve	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000
	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000
For Capital Development					
Annual Debt Payments	\$866,014	\$863,249	\$863,249	\$863,249	\$863,249
To Capital Expenditure					
To SRS Capital Reserves	\$34,000	\$34,000	\$34,000	\$34,000	\$34,000
To General Capital Reserves	\$525,000	\$525,000	\$750,000	\$750,000	\$750,000
	\$1,425,014	\$1,422,249	\$1,647,249	\$1,647,249	\$1,647,249
Total to be Raised from Rates	\$7,287,568	\$6,923,917	\$7,566,766	\$7,866,396	\$8,072,072

Table 6.4
South Red Deer Regional Wastewater System
2020 Financial Plan and Budget
Rate Calculation for Wastewater Services
Years 2019-2022

Index	2019		2020	2021	2022
	Budget	Projected			
Annual Volume (Table 6.2)	3,172,803	3,355,628	3,214,590	3,245,380	3,276,479
Total Annual Expenditure (Table 6.3)	\$7,287,568	\$6,923,917	\$7,566,766	\$7,866,396	\$8,072,072
Less: G and A Excess Revenue					
Net Revenue to be Raised from Rates	\$ 7,287,568	\$ 6,923,917	\$ 7,566,766	\$ 7,866,396	\$ 8,072,072
Actual Rate Per M3 Required	\$2.2969	\$2.0634	\$2.3539	\$2.4239	\$2.4636
Projected Rate Per M3 for Members	\$ 2.30	\$ 2.30	\$ 2.35	\$ 2.43	\$ 2.47
Increase over previous year			2.2%	3.4%	1.6%
Rate Components					
Governance and Administration	\$0.053	\$0.042	\$0.061	\$0.062	\$0.063
Treatment Services	\$1.090	\$1.112	\$1.148	\$1.177	\$1.206
SRD System O & M	\$0.601	\$0.441	\$0.589	\$0.630	\$0.645
Debt Servicing Costs	\$0.273	\$0.257	\$0.269	\$0.266	\$0.263
To Reserves / Surplus	\$0.284	\$0.448	\$0.284	\$0.295	\$0.293
Total	\$2.300	\$2.300	\$2.350	\$2.430	\$2.470
Septage Receiving Station Customer Rates					
Projected Rate per M3	\$ 5.84	\$ 5.84	\$ 6.32	\$ 6.53	\$ 6.64
Revenue From Rates					
<u>Members</u>					
Mountain View County	\$8,648	\$11,436	\$9,644	\$10,172	\$10,546
Town of Olds	\$2,893,791	\$3,076,153	\$3,013,864	\$3,147,628	\$3,231,436
Town of Bowden	\$368,695	\$327,568	\$328,297	\$339,473	\$345,061
Town of Innisfail	\$1,956,210	\$2,199,525	\$2,075,965	\$2,168,102	\$2,225,829
Town of Penhold	\$577,581	\$594,539	\$604,505	\$631,335	\$648,145
Red Deer County	\$1,444,809	\$1,459,251	\$1,472,826	\$1,538,194	\$1,579,149
Total Members	\$7,249,733	\$7,668,471	\$7,505,101	\$7,834,905	\$8,040,166
<u>Others</u>					
SRS Customers	\$108,257	\$125,094	\$132,273	\$138,143	\$141,822
Total Revenue from Rates	\$ 7,357,990	\$ 7,793,565	\$ 7,637,374	\$ 7,973,048	\$ 8,181,988

Table 6.5
South Red Deer Regional Wastewater System
2020 Financial Plan and Budget
Summary of Income Statement Items
Years 2019-2022

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	2019		2020	2021	2022
	Budget	Projected	Budget	Budget	Budget
Cash Revenue					
Rates (From Table 6.4)	\$7,357,990	\$7,793,565	\$7,637,374	\$7,973,048	\$8,181,988
Members Contributions (T6.1)	\$0	\$0	\$0	\$0	\$0
Grants					
Other G and A Revenue	\$26,884	\$29,389	\$29,460	\$29,460	\$29,460
Other O and M Revenue					
Drawn from Operating Reserves	\$0	\$0	\$0	\$0	\$0
Total Revenue	\$7,384,874	\$7,822,955	\$7,666,834	\$8,002,508	\$8,211,448
Cash Expenditures					
Governance and Administration (Table 6.1)	\$193,614	\$171,440	\$224,306	\$229,204	\$234,934
System O & M (Table 6.3)	\$5,545,824	\$5,209,617	\$5,574,672	\$5,869,403	\$6,069,350
Debenture Debt Payments (T 4.2)	\$866,014	\$863,249	\$863,249	\$863,249	\$863,249
Emergency O&M Reserves (T 6.3)	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000
Rate Stabilization Reserve (T6.3)	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
Capital Reserves (T 6.3)	\$559,000	\$559,000	\$784,000	\$784,000	\$784,000
Total Operating Fund Expense	\$7,314,452	\$6,953,306	\$7,596,226	\$7,895,856	\$8,101,532
Increase(decrease) In Operating Fund Balance (Unrestricted Surplus)	\$70,423	\$869,648	\$70,608	\$106,652	\$109,915
Non Cash Expense					
Add:					
Reserve Contributions		\$709,000	\$934,000	\$934,000	\$934,000
Debt Principal Payments		\$450,293	\$463,383	\$476,854	\$490,718
Less: Annual Amortization		-\$2,694,981	-\$2,694,981	-\$2,694,981	-\$2,694,981
Accrued Surplus (Deficit)		-\$666,039	-\$1,226,990	-\$1,177,474	-\$1,160,348

Table 6.6
South Red Deer Regional Wastewater System
2020 Financial Plan and Budget
Restricted and Unrestricted Surplus
Years 2019-2022

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	2019		2020	2021	2022
	Budget	Projected	Budget	Budget	Budget
Operating Reserves					
<u>Rate Stabilization</u>					
Opening Balance	\$227,675	\$227,675	\$277,675	\$327,675	\$377,675
Additions	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
(Withdrawals)					
Closing Balance	\$277,675	\$277,675	\$327,675	\$377,675	\$427,675
<u>Policy 213.72</u>					
10% of Operating Expense	\$571,255	\$535,167	\$576,952	\$606,915	\$627,482
Cap	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000
<u>Emergency Response, Operations and Maintenance</u>					
Opening Balance	\$641,193	\$641,193	\$741,193	\$841,193	\$941,193
Additions	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000
(Withdrawals)					
Closing Balance	\$741,193	\$741,193	\$841,193	\$941,193	\$1,041,193
<u>Policy 213.73</u>					
Balance = Major Environmental Incident	\$1,100,000	\$1,120,000	\$1,140,000	\$1,160,000	\$1,190,000
Capital Reserve					
<u>General Capital</u>					
Opening Balance	\$1,706,468	\$1,706,468	\$1,416,968	\$528,668	\$478,668
Additions	\$525,000	\$525,000	\$750,000	\$750,000	\$750,000
(Withdrawals)	-\$1,359,400	-\$814,500	-\$1,638,300	-\$800,000	-\$270,000
Closing Balance	\$872,068	\$1,416,968	\$528,668	\$478,668	\$958,668
<u>SRS Capital</u>					
Opening Balance	\$69,000	\$69,000	\$103,000	\$137,000	\$171,000
Additions	\$34,000	\$34,000	\$34,000	\$34,000	\$34,000
(Withdrawals)					
Closing Balance	\$103,000	\$103,000	\$137,000	\$171,000	\$205,000
Unrestricted Net Assets (General Fund)					
Opening Balance	\$1,454,161	\$1,538,122	\$2,407,771	\$2,478,378	\$2,585,031
Excess / (Deficiency)	\$70,423	\$869,648	\$70,608	\$106,652	\$109,915
Closing Balance	\$1,524,584	\$2,407,771	\$2,478,378	\$2,585,031	\$2,694,946
Proportion of total Revenue	21%	31%	32%	32%	33%

Table 6.7
South Red Deer Regional Wastewater System
Summary of Municipal Contributions
Years 2019-2022

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	2019		2020 Budget	2021 Budget	2022 Budget
	Budget	Projected			
Mountain View County					
Governance and Administration	\$0	\$0	\$0	\$0	\$0
Wastewater Services	\$8,648	\$11,436	\$9,644	\$10,172	\$10,546
	\$8,648	\$11,436	\$9,644	\$10,172	\$10,546
Town of Olds					
Governance and Administration	\$0	\$0	\$0	\$0	\$0
Wastewater Services	\$2,893,791	\$3,076,153	\$3,013,864	\$3,147,628	\$3,231,436
	\$2,893,791	\$3,076,153	\$3,013,864	\$3,147,628	\$3,231,436
Town of Bowden					
Governance and Administration	\$0	\$0	\$0	\$0	\$0
Wastewater Services	\$368,695	\$327,568	\$328,297	\$339,473	\$345,061
	\$368,695	\$327,568	\$328,297	\$339,473	\$345,061
Town of Innisfail					
Governance and Administration	\$0	\$0	\$0	\$0	\$0
Wastewater Services	\$1,956,210	\$2,199,525	\$2,075,965	\$2,168,102	\$2,225,829
	\$1,956,210	\$2,199,525	\$2,075,965	\$2,168,102	\$2,225,829
Town of Penhold					
Governance and Administration	\$0	\$0	\$0	\$0	\$0
Wastewater Services	\$577,581	\$594,539	\$604,505	\$631,335	\$648,145
	\$577,581	\$594,539	\$604,505	\$631,335	\$648,145
Red Deer County					
Governance and Administration	\$0	\$0	\$0	\$0	\$0
Wastewater Services	\$1,444,809	\$1,459,251	\$1,472,826	\$1,538,194	\$1,579,149
	\$1,444,809	\$1,459,251	\$1,472,826	\$1,538,194	\$1,579,149
<i>Financial Model Check</i>	\$7,249,733	\$7,668,471	\$7,505,101	\$7,834,905	\$8,040,166
	\$7,249,733	\$7,668,471	\$7,505,101	\$7,834,905	\$8,040,166
<i>Model in Check</i>	TRUE	TRUE	TRUE	TRUE	TRUE

Table 4.1
South Red Deer Regional Wastewater Commission
2020 Financial Plan and Budget
Capital Budget - Expense and Funding

		Infrastructure Expense												
		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Capital Expense														
Regional System														
Regional Project	ne	\$138,701,876	\$2,044,083											\$140,745,959
Waskasoo Lift Station Upgrade/Forcemain	re	\$1,347,633	\$5,395											\$1,353,028
Subtotal Regional System		\$140,049,509	\$2,049,478	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$142,098,986
Regional System Capital Renewal/Replacement														
Re-commission SRS sampling systems						\$55,000								\$55,000
SCADA System upgrade/Cloud migration						\$250,000								\$250,000
Misc. Regional capital projects(Don's list)						\$50,000								\$50,000
Equalization Storage														
<u>Olds</u>														
Forcemain	ne													\$0
Berm Modifications	ne													\$0
Total Olds Installation					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<u>Bowden</u>														
Forcemain	ne					\$410,000								\$410,000
Berm Modifications	ne					\$48,000								\$48,000
Total Bowden Installation					\$0	\$458,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$458,000
<u>Innisfail</u>														
Forcemain, Gravity Return	ne					\$85,000								\$85,000
Berm Development	ne					\$378,000								\$378,000
Liner	ne					\$361,000								\$361,000
Fencing	ne					\$26,000								\$26,000
Total Innisfail Installation					\$0	\$850,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$850,000
Total Equalization Storage		\$0	\$0	\$0	\$0	\$1,308,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,308,000
<u>Innisfail Lift Station - Pump Capacity Upgrade</u>														
Total Regional System		\$140,049,509	\$2,049,478	\$0	\$0	\$1,663,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$143,761,986

Table 4.1
South Red Deer Regional Wastewater Commission
2020 Financial Plan and Budget
Capital Budget - Expense and Funding

Infrastructure Expense														
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total	
Waskasoo System														
<u>Evaluation</u>														
Engineering Evaluation and Report		\$25,000											\$25,000	
Main Camera Inspection		\$125,000		\$86,000									\$211,000	
<u>System Capacity Increase</u>														
Redirect Lift Station 2 (Springbrook) to Penhold Lift Station										\$2,500,000			\$2,500,000	
<u>Pipeline Upgrading, Renewal and Replacement</u>	re				\$750,000		\$250,000						\$1,000,000	
<u>Lift Station Upgrading</u>														
Lift Station 1														
Wet Well Expansion	ne					\$250,000							\$250,000	
Water Service Connection	ne				\$17,500								\$17,500	
Structural Improvements	rb			\$10,500									\$10,500	
Electrical and Controls	rm			\$145,000									\$145,000	
Standby Power - New Generator	rm	\$350,000	\$111,564										\$461,564	
Grinder Replacement	rm					\$125,000							\$125,000	
HVAC - Heater Replacement	rm						\$20,000						\$20,000	
HVAC - Roof Top Ventilation Replacement	rm								\$40,000				\$40,000	
Total Lift Station 1		\$350,000	\$111,564	\$155,500	\$17,500	\$375,000	\$20,000	\$0	\$40,000	\$0	\$0	\$0	\$1,069,564	
Lift Station 2														
Water Service Connection	ne				\$17,500								\$17,500	
Structural Improvements	rb			\$6,500									\$6,500	
HVAC - Heater Replacement	rm				\$25,000								\$25,000	
Electrical and Controls	rm			\$145,000									\$145,000	
Standby Power - New Generator	rm			\$130,000									\$130,000	
Grinder Pump 1 and 2 Replacement	rm					\$300,000							\$300,000	
HVAC - Roof Top Ventilation Replacement	rm								\$40,000				\$40,000	
Total Lift Station 2		\$0	\$0	\$281,500	\$42,500	\$300,000	\$0	\$0	\$40,000	\$0	\$0	\$0	\$664,000	
Lift Station 3														
Wet Well Expansion	ne				\$250,000								\$250,000	
Water Service Connection	ne				\$17,500								\$17,500	
HVAC - Heater Replacement	rm				\$25,000								\$25,000	
Structural and Process	rm			\$16,500									\$16,500	
Redo Roof	rb				\$50,000								\$50,000	
Electrical and Controls	rm			\$145,000									\$145,000	
Standby Power - New Generator	rm			\$130,000									\$130,000	
Grinder Replacement	rm					\$125,000							\$125,000	
HVAC - Roof Top Ventilation Replacement	rm								\$40,000				\$40,000	
Total Lift Station 3		\$0	\$0	\$291,500	\$342,500	\$125,000	\$0	\$0	\$40,000	\$0	\$0	\$0	\$799,000	
Total Waskasoo System		\$500,000	\$111,564	\$814,500	\$1,152,500	\$800,000	\$270,000	\$0	\$120,000	\$2,500,000	\$0	\$0	\$6,268,564	
Total South Red Deer System		\$140,049,509	\$2,549,478	\$111,564	\$814,500	\$2,815,500	\$800,000	\$270,000	\$0	\$120,000	\$2,500,000	\$0	\$0	\$150,030,550

Table 4.1
South Red Deer Regional Wastewater Commission
2020 Financial Plan and Budget
Capital Budget - Expense and Funding

	Infrastructure Expense												
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Funding													
Water for Life Grant	\$123,652,971	\$1,839,674	\$0	\$0	\$1,177,200	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$126,669,845
Other Grants										\$1,000,000			\$1,000,000
Other	\$303,353	\$35,478											\$338,831
Debenture	\$15,300,000												\$15,300,000
Reserves	\$1,347,633	\$119,878	\$111,564	\$814,500	\$1,638,300	\$800,000	\$270,000	\$0	\$120,000	\$2,500,000	\$0	\$0	\$7,721,875
Operating													\$0
Total Funding	\$140,603,956	\$1,995,030	\$111,564	\$814,500	\$2,815,500	\$800,000	\$270,000	\$0	\$120,000	\$3,500,000	\$0	\$0	\$151,030,550
Surplus / - Deficit	\$554,447	-\$554,447	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000,000	\$0	\$0	\$1,000,000
Capital Reserve													
Opening Balance	\$856,700	\$732,373	\$1,137,495	\$1,706,468	\$1,416,968	\$528,668	\$478,668	\$958,668	\$1,708,668	\$2,338,668	\$588,668	\$1,338,668	\$732,373
Added	\$1,274,560	\$525,000	\$817,537	\$525,000	\$750,000	\$750,000	\$750,000	\$750,000	\$750,000	\$750,000	\$750,000	\$750,000	\$7,867,537
Withdrawn	-\$1,398,887	-\$119,878	-\$111,564	-\$814,500	-\$1,638,300	-\$800,000	-\$270,000	\$0	-\$120,000	-\$2,500,000	\$0	\$0	-\$6,374,242
Closing Balance	\$732,373	\$1,137,495	\$1,843,468	\$1,416,968	\$528,668	\$478,668	\$958,668	\$1,708,668	\$2,338,668	\$588,668	\$1,338,668	\$2,088,668	\$2,225,668