



South Red Deer Regional Wastewater Commission

2022 Financial Plan and Budget (Version 2.0 - December 10th, 2021)

2021- 2024 Operating Budget

2021- 2024 Capital Budget

2019 - 2027 Infrastructure Plan

Table ES
South Red Deer Regional Wastewater System
2022 Financial Plan and Budget
Operating Financial Summary
Years 2021-2023

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	2021 Projected	2022 Budget	2023 Budget	2024 Budget
Yearly Wastewater Volume (m3)				
Olds	1,080,523	1,226,282	1,232,413	1,238,575
Mountain View County	3,937	4,864	5,010	5,160
Bowden	157,596	169,515	174,600	179,838
Innisfail	840,637	911,469	920,583	929,789
Penhold	274,911	273,846	280,692	287,709
Red Deer County	605,575	641,908	651,225	660,707
Septage Receiving Stations	22,590	22,047	22,267	22,490
Total Volume	2,985,769	3,249,930	3,286,791	3,324,270

Revenue

Rates to Members / m3	\$2.40	\$2.48	\$2.52	\$2.54
Members Rate Revenue	\$7,111,630	\$8,005,150	\$8,226,599	\$8,386,520
Members Contributions	\$0	\$0	\$0	\$0
Septage Receiving Station Rate	\$6.41	\$6.59	\$6.69	\$6.75
SRS Rate Revenue	\$144,802	\$145,208	\$149,025	\$151,710
Other Revenue	\$16,525	\$15,875	\$15,875	\$15,875
Total Revenue	\$7,272,957	\$8,166,232	\$8,391,499	\$8,554,105

Expenditure

Governance and Administration	\$189,056	\$222,121	\$226,503	\$230,973
Treatment by City of Red Deer				
Rate / m3	\$1.16	\$1.19	\$1.22	\$1.24
Treatment Costs	\$3,463,577	\$3,878,592	\$4,000,977	\$4,127,446
System O & M	\$2,317,927	\$2,187,639	\$2,273,835	\$2,307,735
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	-\$494,852	\$80,633	\$92,936	\$90,701
Capital Reserves	\$784,000	\$784,000	\$784,000	\$784,000
Total Expenditure	\$7,272,957	\$8,166,232	\$8,391,499	\$8,554,105

Reserves and Surplus Balances at Year End

Rate Stabilization Reserve	\$227,675	\$277,675	\$327,675	\$377,675
Emergency, O & M	\$641,193	\$741,193	\$841,193	\$941,193
Capital Reserves	\$470,088	\$582,913	\$907,913	\$1,487,913
Accumulated Operating Surplus	\$1,043,270	\$1,123,903	\$1,216,839	\$1,307,540

Table E1
South Red Deer Regional Wastewater Commission
2022 Financial Plan and Budget
Governance and Administration Revenue and Expen
Years 2021-2023

	2021		2022	2023	2024	2025
	Budget	Projected	Budget	Forecast	Forecast	Forecast
General Cost Inflation			1.5%	2.8%	2.0%	1.5%
OPERATING REVENUE						
4551 Interest Income	\$27,890	\$16,525	\$15,875	\$15,875	\$15,875	\$15,875
4549 Other Income (Chemical Sales)	\$0	\$0	\$0	\$0	\$0	\$0
Total Revenue	\$27,890	\$16,525	\$15,875	\$15,875	\$15,875	\$15,875
OPERATING EXPENSE						
Board						
5151 Board Honoraria	\$18,577	\$11,802	\$16,553	\$16,818	\$17,070	\$17,326
5152 Chair Honoraria	\$3,931	\$3,952	\$4,093	\$4,159	\$4,221	\$4,285
5211 Mileage and Travel	\$2,814	\$435	\$1,508	\$1,550	\$1,581	\$1,605
5212 Meals and Accommodation	\$1,280	\$0	\$1,280	\$1,315	\$1,342	\$1,362
5227 Insurance	\$12,377	\$11,845	\$11,811	\$12,136	\$12,379	\$12,564
5262 Meeting Room Rental	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal Board Expense	\$38,979	\$28,034	\$35,246	\$35,978	\$36,592	\$37,141
Administration Expenses						
5148 Training and Education	\$0	\$1,287	\$1,500	\$1,530	\$1,568	\$1,588
5211 Mileage and Travel	\$2,410	\$929	\$1,666	\$1,699	\$1,742	\$1,764
5212 Accommodation and Meals	\$0	\$0	\$250	\$255	\$261	\$265
5215 Postage & Courier	\$1,000	\$875	\$750	\$771	\$786	\$798
5216 Telephone	\$420	\$360	\$420	\$428	\$439	\$445
5217 Internet, Data Lines	\$2,676	\$2,160	\$2,220	\$2,264	\$2,321	\$2,350
5221 Advertising	\$500	\$0	\$250	\$255	\$261	\$265
5222 Membership Fees	\$250	\$0	\$250	\$255	\$261	\$265
5223 Software Licenses and Permits	\$2,418	\$24,000	\$2,418	\$2,466	\$2,528	\$2,559
5227 Insurance	\$3,287	\$3,484	\$2,344	\$2,391	\$2,450	\$2,481
5231 Accounting & Audit Services	\$20,000	\$20,158	\$25,000	\$25,000	\$25,000	\$25,000
5232 Legal Fees	\$5,000	\$1,028	\$5,000	\$5,100	\$5,228	\$5,293
5234 CAO Contract	\$66,150	\$59,899	\$60,008	\$61,208	\$62,738	\$63,522
5235 Financial Services	\$30,500	\$820	\$30,500	\$31,110	\$31,888	\$32,286
5238 Other Professional Services	\$23,520	\$12,031	\$19,600	\$20,139	\$20,542	\$20,850
5262 Building Rental	\$0	\$0	\$0	\$0	\$0	\$0
5265 SRD Office Rental - Office Facility	\$24,000	\$24,000	\$24,000	\$24,660	\$25,153	\$25,530
5266 Office Utilities	\$3,600	\$5,169	\$5,100	\$5,240	\$5,345	\$5,425
5288 Other Technical Services	\$0	\$0	\$0	\$0	\$0	\$0
5514 Computer and Electronic Equip	\$0	\$0	\$0	\$0	\$0	\$0
5515 Office Supplies	\$3,600	\$1,984	\$2,400	\$2,466	\$2,515	\$2,553
5516 Office Equipment	\$2,400	\$2,837	\$2,700	\$2,774	\$2,830	\$2,872
5811 Bank Charges & Short Term Interest	\$500	\$0	\$500	\$514	\$524	\$532
Subtotal Administration	\$192,231	\$161,022	\$186,875	\$190,525	\$194,381	\$196,642
Total Expense	\$231,210	\$189,056	\$222,121	\$226,503	\$230,973	\$233,783
Surplus (Deficit Recovered from Rates)	(\$203,320)	(\$172,531)	(\$206,246)	(\$210,628)	(\$215,098)	(\$217,908)

Table E2
South Red Deer Regional Wastewater Commission
2022 Financial Plan and Budget
Detailed Operating & Maintenance Expenses
Years 2021-2023

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2021		2022	2023	2024
Budget	Projected	Budget	Forecast	Forecast

Escalation Factors

Inflationary Factor			2.75%	2.0%	1.5%
Volume Increase Factor			8.8%	1.1%	1.1%

Expenditures

Total Volume to CRD WWTP	3,359,480	2,985,842	3,249,930	3,286,791	3,324,270
January 1 - February 28					
Volume	543,039	482,643	525,331	531,289	537,348
City of Red Deer Treatment Rate	1.16	\$1.16	\$1.19	\$1.22	\$1.24
Treatment Charges	\$629,926	\$559,866	\$626,142	\$645,909	\$666,339
March 1 - December 31					
Volume	2,816,441	2,503,199	2,724,599	2,755,501	2,786,922
City or Red Deer Treatment Rate	\$1.16	\$1.16	\$1.19	\$1.22	\$1.24
Rate Increase	2.80%	2.80%	2.75%	2.00%	2.00%
Treatment Charges	\$3,267,071	\$2,903,711	\$3,247,449	\$3,349,968	\$3,455,930
Total Treatment Charges	\$3,896,997	\$3,463,577	\$3,873,592	\$3,995,877	\$4,122,270
Allowance for Off Specification Effluent	\$5,000	\$0	\$5,000	\$5,100	\$5,177
5351 Total CRD Charges	\$3,901,997	\$3,463,577	\$3,878,592	\$4,000,977	\$4,127,446

Electric Power

31	Waskasoo LS 1	\$12,662	\$10,258	\$10,685	\$12,161	\$12,296
32	Waskasoo LS 2	\$9,769	\$11,747	\$12,237	\$13,926	\$14,080
33	Waskasoo LS 3	\$25,727	\$21,993	\$22,910	\$26,072	\$26,362
34	Waskasoo Odor Management	\$0	\$1,933	\$0	\$0	\$0
41	Penhold Lift Station	\$115,221	\$91,504	\$95,318	\$108,476	\$109,680
42	Innisfail Lift Station	\$98,190	\$79,512	\$82,826	\$94,260	\$95,307
43	Bowden Lift Station	\$45,379	\$30,811	\$32,095	\$36,526	\$36,931
44	Olds Lift Station	\$60,741	\$55,977	\$58,311	\$66,360	\$67,097
46	Odor Management Facility	\$37,034	\$32,833	\$34,201	\$38,922	\$39,355
5541	UT Total Electric Power Utilities	\$404,723	\$336,567	\$348,583	\$396,704	\$401,108

5211	OGS	Mileage and Travel	\$2,410	\$1,406	\$1,666	\$1,699	\$1,725
5212	OGS	Accommodations and Meals	\$500	\$0	\$250	\$255	\$259
5215	OGS	Courier, Freight	\$250	\$789	\$750	\$765	\$776
5216	OGS	Telephone	\$900	\$5,246	\$900	\$918	\$932
5217	OGS	Internet/Data Lines	\$28,200	\$37,061	\$28,200	\$28,764	\$29,195
5223	OGS	Software Licenses and Permits	\$3,000	\$3,150	\$3,500	\$3,570	\$3,624
5227	OGS	Insurance	\$54,012	\$67,148	\$63,442	\$66,005	\$68,335
5233	PS	General Engineering	\$100,000	\$88,034	\$100,000	\$102,000	\$103,530
5234	MF	Management, CAO	\$66,150	\$59,899	\$60,008	\$61,208	\$62,126
5238	PS	Other Professional Services	\$24,000	\$67,672	\$48,000	\$48,960	\$49,694
5241	OSC	Municipal - Contract Operating Services	\$462,051	\$454,383	\$476,836	\$486,373	\$493,669
5252	MR	Building Maint / Repair	\$4,000	1053/0.83	\$2,000	\$2,040	\$2,071
5253	MR	Equipment Maint / Repair	\$371,750	\$383,286	\$391,750	\$399,585	\$405,579
5263	OGS	Equipment Rentals	\$2,500	\$792	\$2,500	\$2,550	\$2,588
5282	OGS	Wastewater Effluent Testing	\$3,600	\$0	\$3,600	\$3,672	\$3,727
5288	PS	Other Technical Services	\$1,200	\$2,688	\$1,200	\$1,224	\$1,242

Table E2
South Red Deer Regional Wastewater Commission
2022 Financial Plan and Budget
Detailed Operating & Maintenance Expenses
Years 2021-2023

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			2021		2022	2023	2024
			Budget	Projected	Budget	Forecast	Forecast
5514	OGS	Computer, Electronic Equipment	\$0	\$0	\$0	\$0	\$0
5515	OGS	Office Supplies	\$0	\$0	\$0	\$0	\$0
5518	OGS	Safety Equipment	\$42,000	\$17,553	\$20,800	\$21,216	\$21,534
5519	OGS	Other General Supplies	\$12,000	\$3,781	\$5,000	\$5,100	\$5,177
5521	OGS	Fuel, Lubricants	\$4,000	\$2,222	\$3,000	\$3,060	\$3,106
5523	MR	Repair and Maintenance Parts	\$10,000	\$8,025	\$7,500	\$7,650	\$7,765
5531	CH	Odor Management Chemicals	\$469,100	\$653,433	\$512,528	\$522,779	\$530,620
5538	CH	Other Chemicals	\$65,594	\$87,416	\$66,880	\$68,218	\$69,241
5542	UT	Natural Gas	\$33,083	\$30,576	\$31,545	\$32,176	\$32,659
5543	UT	Municipal Utilities	\$9,360	\$6,800	\$7,200	\$7,344	\$7,454
Total O & M Expenses			\$6,076,380	\$5,781,504	\$6,066,230	\$6,274,811	\$6,435,182

Table 6.1
South Red Deer Regional Wastewater System
2022 Financial Plan and Budget
Expenditures for Governance and Administration
Years 2021-2023

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	2021		2022	2023	2024
	Budget	Projected	Budget	Budget	Budget
General Inflationary Allownce			2.75%	2.00%	1.50%
Expense					
<u>Commission Board</u>					
Board Honorairums	\$22,508	\$15,754	\$20,646	\$20,977	\$21,291
Board Expense	\$16,471	\$12,280	\$14,599	\$15,001	\$15,301
	\$38,979	\$28,034	\$35,246	\$35,978	\$36,592
<u>General Administrative Services</u>					
CAO Services Contract	\$66,150	\$59,899	\$60,008	\$61,208	\$62,738
Admin Services & Office	\$27,600	\$29,169	\$29,100	\$29,900	\$30,498
Audit Services Contract	\$20,000	\$20,158	\$25,000	\$25,000	\$25,000
Other Professional and Consulting	\$5,500	\$1,028	\$5,500	\$5,614	\$5,752
General Goods and Services	\$72,981	\$50,768	\$67,267	\$68,804	\$70,393
	\$192,231	\$161,022	\$186,875	\$190,525	\$194,381
Gross Costs	\$231,210	\$189,056	\$222,121	\$226,503	\$230,973
<u>Less:</u>					
Interest Income	(\$27,890)	(\$16,525)	(\$15,875)	(\$15,875)	(\$15,875)
Other Income (Chemical Sales)	\$0	\$0	\$0	\$0	\$0
Net Costs to be Recovered	\$203,320	\$172,531	\$206,246	\$210,628	\$215,098
To be Recovered from Rates	\$203,320	\$172,531	\$206,246	\$210,628	\$215,098

Table 6.2
 South Red Deer Regional Wastewater System
 2022 Financial Plan and Budget
 Actual and Projected Wastewater Volumes
 Years 2021-2023

	2016 Actual	2017 Actual	2018 Actual	2019 Actual	2020 Actual	2021		2022 Budget	2023 Budget	2024 Budget
						Budget	Projected			
Olds										
Growth Rate								13.5%	0.5%	0.5%
Annual Volume (m3)	1,446,230	1,315,552	1,194,476	1,286,264	1,312,059	1,293,874	1,080,523	1,226,282.00	1,232,413	1,238,575
Population			10,244	10,244	10,245	10,245	10,245	10,245	10,245	10,245
Wastewater Generation (lcd)			319	344	351	289	289	328	330	331
Mountain View County										
Growth Rate								23.5%	3.0%	3.0%
Annual Volume (m3)	4,042	3,576	3,764	5,350	5,304	4,878	3,937	4,863.67	5,010	5,160
Bowden										
Growth Rate								7.6%	3.0%	3.0%
Annual Volume (m3)	143,363	151,360	171,888	142,134	208,815	178,076	157,596	169,515.00	174,600	179,838
Population			1,240	1,240	1,240	1,240	1,240	1,240	1,240	1,240
Wastewater Generation (lcd)			380	314	461	348	348	375	386	397
Innisfail										
Growth Rate								8.4%	1.0%	1.0%
Annual Volume (m3)	993,323	879,967	813,886	888,162	1,005,607	927,893	840,637	911,468.67	920,583	929,789
Population			7,847	7,847	7,847	7,953	7,953	7,953	7,953	7,953
Wastewater Generation (lcd)			284	310	351	290	290	314	317	320
Penhold										
Growth Rate								-0.4%	2.5%	2.5%
Annual Volume (m3)	239,748	256,598	256,616	260,735	285,892	280,181	274,911	273,846.00	280,692	287,709
Population			3,165	3,165	3,165	3,197	3,197	3,229	3,261	3,294
Wastewater Generation (lcd)			222	226	247	236	236	232	236	239

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Table 6.2
 South Red Deer Regional Wastewater System
 2022 Financial Plan and Budget
 Actual and Projected Wastewater Volumes
 Years 2021-2023

	2016 Actual	2017 Actual	2018 Actual	2019 Actual	2020 Actual	2021		2022 Budget	2023 Budget	2024 Budget
						Budget	Projected			
Septage Receiving Stations										
Growth Rate								-2.4%	1.0%	1.0%
Annual Volume (m3)	20,922	18,829	22,524	21,814	21,737	21,977	22,590	22,047,00	22,267	22,490
Total Regional Line	2,847,628	2,625,882	2,463,154	2,604,459	2,839,414	2,706,879	2,380,267	2,608,022	2,635,566	2,663,563
Springbrook										
Growth Rate								11.2%	2.5%	2.5%
Annual Volume (m3)	165,299	163,720	158,273	175,127	230,680	189,944	173,755	193,187,33	198,017	202,967
Gasoline Alley										
Growth Rate								3.9%	1.0%	1.0%
Annual Volume (m3)	463,131	453,334	470,419	468,623	445,718	462,657	431,820	448,720,33	453,208	457,740
Total Waskasoo	628,430	617,054	628,692	643,750	676,398	652,601	605,575	641,908	651,225	660,707
Total SRD System	3,476,058	3,242,936	3,091,846	3,248,209	3,515,812	3,359,480	2,985,842	3,249,930	3,286,791	3,324,270
Estimates from 2012 Business Plan	4,266,916	4,366,380	4,408,701	4,408,701	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	7,116			6,521	7,145	7,221	7,297
Waskasoo Line	1,722	1,691	1,718	1,759			1,659	1,759	1,784	1,810
Total SRD System	9,523	8,885	8,448	8,875			8,180	8,904	9,005	9,108

Table 6.3
South Red Deer Regional Wastewater System
2022 Financial Plan and Budget
System Operations Expense and Revenue to be Raised from Rates
Years 2021-2023

<u>Index</u>	2021		2022	2023	2024
	Budget	Projected			
Inflationary Factor			1.5%	2.8%	2.0%
Governance and Administration	\$203,320	\$172,531	\$206,246	\$210,628	\$215,098
Operations and Maintenance					
<u>Waste Water Treatment Services</u>					
City of Red Deer Treatment Rate	\$1.16	\$1.16	\$1.19	\$1.22	\$1.24
Projected Rate Increase			2.75%	2.00%	2.00%
Allowance: Increases/Extra Charges					
Total Rate	\$1.15	\$1.16	\$1.19	\$1.22	\$1.24
Treatment Costs	\$3,896,997	\$3,463,577	\$3,873,592	\$3,995,877	\$4,122,270
Prior Year Adjustment					
Allowance - Over Strength Charge	\$5,000	\$0	\$5,000	\$5,100	\$5,177
Total Wastewater Treatment	\$3,901,997	\$3,463,577	\$3,878,592	\$4,000,977	\$4,127,446
<u>Transmission System Operations</u>					
OSC Operations Services Contract	\$462,051	\$454,383	\$476,836	\$486,373	\$493,669
MF Management and Financial	\$66,150	\$59,899	\$60,008	\$61,208	\$62,126
PS Professional Services	\$125,200	\$158,394	\$149,200	\$152,184	\$154,467
OGS Operating Goods and Services	\$153,372	\$139,148	\$133,608	\$137,575	\$140,978
MR Maintenance and Repair	\$385,750	\$391,311	\$401,250	\$409,275	\$415,414
UT Utilities	\$447,166	\$373,943	\$387,328	\$436,224	\$441,221
CH Chemicals	\$534,694	\$740,849	\$579,408	\$590,997	\$599,862
	\$2,174,383	\$2,317,927	\$2,187,639	\$2,273,835	\$2,307,735
Total O & M Costs	\$6,076,380	\$5,781,504	\$6,066,230	\$6,274,811	\$6,435,182
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	\$863,249	\$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	\$750,000	\$750,000	\$750,000	\$750,000	\$750,000
	\$1,647,249	\$1,647,249	\$1,647,249	\$1,647,249	\$1,647,249
Total to be Raised from Rates	\$8,076,949	\$7,751,284	\$8,069,725	\$8,282,688	\$8,447,529

Table 6.4
South Red Deer Regional Wastewater System
2022 Financial Plan and Budget
Rate Calculation for Wastewater Services
Years 2021-2023

Index	2021		2022	2023	2024
	Budget	Projected	Budget	Budget	Budget
Annual Volume (Table 6.2)	3,359,480	2,985,842	3,249,930	3,286,791	3,324,270
Total Annual Expenditure (Table 6.3)	\$8,076,949	\$7,751,284	\$8,069,725	\$8,282,688	\$8,447,529
Less: G and A Excess Revenue					
Net Revenue to be Raised from Rates	\$ 8,076,949	\$ 7,751,284	\$ 8,069,725	\$ 8,282,688	\$ 8,447,529
Actual Rate Per M3 Required	\$2.4042	\$2.5960	\$2.4830	\$2.5200	\$2.5412
Projected Rate Per M3 for Members	\$ 2.40	\$ 2.40	\$ 2.48	\$ 2.52	\$ 2.54
Increase over previous year			3.3%	1.6%	0.8%
Rate Components					
Governance and Administration	\$0.061	\$0.058	\$0.063	\$0.064	\$0.065
Treatment Services	\$1.150	\$1.160	\$1.192	\$1.216	\$1.240
SRD System O & M	\$0.647	\$0.776	\$0.673	\$0.692	\$0.694
Debt Servicing Costs	\$0.257	\$0.289	\$0.266	\$0.263	\$0.260
To Reserves / Surplus	\$0.285	\$0.117	\$0.286	\$0.286	\$0.281
Total	\$2.400	\$2.400	\$2.480	\$2.520	\$2.540
Septage Receiving Station Customer Rates					
Projected Rate per M3	\$ 6.41	\$ 6.41	\$ 6.59	\$ 6.69	\$ 6.75
Revenue From Rates					
<u>Members</u>					
Mountain View County	\$11,707	\$9,449	\$12,062	\$12,624	\$13,106
Town of Olds	\$3,105,298	\$2,593,255	\$3,041,179	\$3,105,682	\$3,145,982
Town of Bowden	\$427,382	\$378,230	\$420,397	\$439,993	\$456,790
Town of Innisfail	\$2,226,943	\$2,017,529	\$2,260,442	\$2,319,870	\$2,361,665
Town of Penhold	\$672,434	\$659,786	\$679,138	\$707,344	\$730,782
Red Deer County	\$1,566,242	\$1,453,380	\$1,591,931	\$1,641,086	\$1,678,196
Total Members	\$8,010,007	\$7,111,630	\$8,005,150	\$8,226,599	\$8,386,520
<u>Others</u>					
SRS Customers	\$140,873	\$144,802	\$145,208	\$149,025	\$151,710
Total Revenue from Rates	\$ 8,150,880	\$ 7,256,432	\$ 8,150,357	\$ 8,375,624	\$ 8,538,230

Table 6.5
South Red Deer Regional Wastewater System
2022 Financial Plan and Budget
Summary of Income Statement Items
Years 2021-2023

Index	2021		2022	2023	2024
	Budget	Projected	Budget	Budget	Budget
Cash Revenue					
Rates (From Table 6.4)	\$8,150,880	\$7,256,432	\$8,150,357	\$8,375,624	\$8,538,230
Members Contributions (T6.1)	\$0	\$0	\$0	\$0	\$0
Grants					
Other G and A Revenue	\$27,890	\$16,525	\$15,875	\$15,875	\$15,875
Other O and M Revenue					
Drawn from Operating Reserves	\$0	\$0	\$0	\$0	\$0
Total Revenue	\$8,178,770	\$7,272,957	\$8,166,232	\$8,391,499	\$8,554,105
Cash Expenditures					
Governance and Administration (Table 6.1)	\$231,210	\$189,056	\$222,121	\$226,503	\$230,973
System O & M (Table 6.3)	\$6,076,380	\$5,781,504	\$6,066,230	\$6,274,811	\$6,435,182
Debenture Debt Payments (T 4.2)	\$863,429	\$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)	\$784,000	\$784,000	\$784,000	\$784,000	\$784,000
Total Operating Fund Expense	\$8,105,019	\$7,767,809	\$8,085,600	\$8,298,563	\$8,463,404
Increase(decrease) In Operating Fund Balance (Unrestricted Surplus)	\$73,751	-\$494,852	\$80,633	\$92,936	\$90,701
Non Cash Expense					
Add:					
Reserve Contributions	\$934,000	\$934,000	\$934,000	\$934,000	\$934,000
Debt Principal Payments	\$504,985	\$504,985	\$519,667	\$534,777	\$550,328
Less: Annual Amortization	-\$2,694,982	-\$2,694,981	-\$2,694,981	-\$2,694,981	-\$2,694,981
Accrued Surplus (Deficit)	-\$1,182,246	-\$1,750,848	-\$1,160,681	-\$1,133,268	-\$1,119,952

Table 6.6
South Red Deer Regional Wastewater System
2022 Financial Plan and Budget
Restricted and Unrestricted Surplus
Years 2021-2023

[Index](#)

	2021		2022	2023	2024
	Budget	Projected	Budget	Budget	Budget
Operating Reserves					
<u>Rate Stabilization</u>					
Opening Balance	\$227,675	\$227,675	\$227,675	\$277,675	\$327,675
Additions	\$50,000	\$0	\$50,000	\$50,000	\$50,000
(Withdrawals)					
Closing Balance	\$277,675	\$227,675	\$277,675	\$327,675	\$377,675
<u>Policy 213.72</u>					
10% of Operating Expense	\$627,970	\$595,403	\$627,248	\$648,544	\$665,028
Cap	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000
<u>Emergency Response, Operations and Maintenance</u>					
Opening Balance	\$641,193	\$641,193	\$641,193	\$741,193	\$841,193
Additions	\$100,000	\$0	\$100,000	\$100,000	\$100,000
(Withdrawals)					
Closing Balance	\$741,193	\$641,193	\$741,193	\$841,193	\$941,193
<u>Policy 213.73</u>					
Balance = Major Environmental Incident	\$850,000	\$870,000	\$890,000	\$910,000	\$930,000
Capital Reserve					
<u>General Capital</u>					
Opening Balance	\$943,088	\$943,088	\$470,088	\$582,913	\$907,913
Additions	\$525,000	\$0	\$750,000	\$750,000	\$750,000
(Withdrawals)	-\$1,359,400	-\$473,000	-\$637,175	-\$425,000	-\$170,000
Closing Balance	\$108,688	\$470,088	\$582,913	\$907,913	\$1,487,913
<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	\$1,043,270	\$1,123,903	\$1,216,839
Excess / (Deficiency)	\$73,751	-\$494,852	\$80,633	\$92,936	\$90,701
Closing Balance	\$1,527,912	\$1,043,270	\$1,123,903	\$1,216,839	\$1,307,540
Proportion of total Revenue	19%	14%	14%	15%	15%

Table 6.7
South Red Deer Regional Wastewater System
Summary of Municipal Contributions
Years 2021-2023

[Index](#)

	2021		2022 Budget	2023 Budget	2024 Budget
	Budget	Projected			
Mountain View County					
Governance and Administration	\$0	\$0	\$0	\$0	\$0
Wastewater Services	\$11,707	\$9,449	\$12,062	\$12,624	\$13,106
	\$11,707	\$9,449	\$12,062	\$12,624	\$13,106
Town of Olds					
Governance and Administration	\$0	\$0	\$0	\$0	\$0
Wastewater Services	\$3,105,298	\$2,593,255	\$3,041,179	\$3,105,682	\$3,145,982
	\$3,105,298	\$2,593,255	\$3,041,179	\$3,105,682	\$3,145,982
Town of Bowden					
Governance and Administration	\$0	\$0	\$0	\$0	\$0
Wastewater Services	\$427,382	\$378,230	\$420,397	\$439,993	\$456,790
	\$427,382	\$378,230	\$420,397	\$439,993	\$456,790
Town of Innisfail					
Governance and Administration	\$0	\$0	\$0	\$0	\$0
Wastewater Services	\$2,226,943	\$2,017,529	\$2,260,442	\$2,319,870	\$2,361,665
	\$2,226,943	\$2,017,529	\$2,260,442	\$2,319,870	\$2,361,665
Town of Penhold					
Governance and Administration	\$0	\$0	\$0	\$0	\$0
Wastewater Services	\$672,434	\$659,786	\$679,138	\$707,344	\$730,782
	\$672,434	\$659,786	\$679,138	\$707,344	\$730,782
Red Deer County					
Governance and Administration	\$0	\$0	\$0	\$0	\$0
Wastewater Services	\$1,566,242	\$1,453,380	\$1,591,931	\$1,641,086	\$1,678,196
	\$1,566,242	\$1,453,380	\$1,591,931	\$1,641,086	\$1,678,196
<i>Financial Model Check</i>	\$8,010,007	\$7,111,630	\$8,005,150	\$8,226,599	\$8,386,520
	\$8,010,007	\$7,111,630	\$8,005,150	\$8,226,599	\$8,386,520
<i>Model in Check</i>	TRUE	TRUE	TRUE	TRUE	TRUE

Table 4.1
 South Red Deer Regional Wastewater Commission
 2022 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	\$138,701,876	\$2,044,083											\$140,745,959
Waskasoo Lift Station Upgrade/Forcemain	\$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													
Misc. Capital Renewal Projects					\$430,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$780,000
2020 Capital Projects													
Re-commission SRS sampling systems					\$37,000								\$37,000
SCADA System upgrade/Cloud migration					\$250,000								\$250,000
2021 Capital Projects													
Replace OMF Amgas control valves						\$54,000							
Innisfail Biorem Tower Replacement						\$18,000							
Air Release Valve Upgrade/Recommissioning						\$250,000							
2022 Capital Projects													
Install inlet H2S monitors at regional stations							\$120,000						
Upgrade smoke/gas detectors							\$80,000						
Equalization Storage													
<u>Bowden</u>													\$0
Forcemain					\$290,000								\$290,000
Berm Modifications					\$48,000								\$48,000
Total Bowden Installation	\$0	\$338,000	\$0	\$0	\$338,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$338,000
<u>Innisfail</u>													
Land Compensation							\$40,000						\$40,000
Forcemain, Gravity Return							\$55,125						\$55,125
Berm Development							\$132,930						\$132,930
Liner							\$128,192						\$128,192
Access, soil, seeding, misc.							\$131,250						\$131,250
Engineering(@10%) & Contingency@(20%)							\$134,249						\$134,249
Total Innisfail Installation	\$0	\$0	\$0	\$0	\$0	\$0	\$621,746	\$0	\$0	\$0	\$0	\$0	\$581,746
Total Equalization Storage	\$0	\$0	\$0	\$0	\$338,000	\$0	\$621,746	\$0	\$0	\$0	\$0	\$0	\$919,746
Total Regional System	\$140,049,509	\$2,049,478	\$0	\$0	\$1,055,000	\$372,000	\$871,746	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$144,085,733

Table 4.1
 South Red Deer Regional Wastewater Commission
 2022 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					\$625,000	\$0	\$300,000						\$2,500,000
<u>Pipeline Upgrading, Renewal and Replacement</u>													
<u>Lift Station Upgrading</u>													
Lift Station 1													
Wet Well Expansion			\$0	\$0	\$125,000								\$125,000
Water Service Connection				\$17,500									\$17,500
Structural Improvements				\$10,500									\$10,500
Electrical and Controls				\$145,000									\$145,000
Standby Power - New Generator		\$350,000	\$111,564										\$461,564
Grinder Replacement													\$0
HVAC - Heater Replacement													\$0
HVAC - Roof Top Ventilation Replacement						\$40,000			\$40,000				\$40,000
Total Lift Station 1	\$350,000	\$111,564	\$155,500	\$17,500	\$0	\$0	\$125,000	\$0	\$40,000	\$0	\$0	\$0	\$799,564
Lift Station 2													
Water Service Connection							\$25,000						\$25,000
Structural Improvements				\$6,500									\$6,500
HVAC - Heater Replacement				\$25,000									\$25,000
Electrical and Controls				\$145,000									\$145,000
Standby Power - New Generator				\$130,000									\$130,000
Grinder Pump 1 and 2 Replacement						\$0							\$0
HVAC - Roof Top Ventilation Replacement									\$40,000				\$40,000
Total Lift Station 2	\$0	\$0	\$281,500	\$25,000	\$25,000	\$0	\$25,000	\$0	\$40,000	\$0	\$0	\$0	\$371,500
Lift Station 3													
Wet Well Expansion					\$0	\$0		\$250,000					\$250,000
Water Service & Washroom					\$0	\$51,000							\$51,000
HVAC - Heater Replacement					\$25,000								\$25,000
Structural and Process													\$16,500
Redo Roof					\$0	\$50,000							\$50,000
Electrical and Controls													\$145,000
Standby Power - New Generator													\$130,000
Grinder Replacement													\$0
HVAC - Roof Top Ventilation Replacement									\$40,000				\$40,000
Total Lift Station 3	\$0	\$0	\$291,500	\$25,000	\$25,000	\$101,000	\$0	\$250,000	\$40,000	\$0	\$0	\$0	\$707,500
Total Waskasoo System													
	\$500,000	\$111,564	\$814,500	\$692,500	\$625,000	\$101,000	\$325,000	\$375,000	\$120,000	\$0	\$0	\$2,500,000	\$5,539,564
Total South Red Deer System													
	\$140,049,509	\$2,549,478	\$111,564	\$814,500	\$1,747,500	\$473,000	\$1,196,746	\$425,000	\$170,000	\$50,000	\$50,000	\$2,550,000	\$149,625,297

Table 4.1
South Red Deer Regional Wastewater Commission
2022 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	\$304,200	\$0	\$559,572	\$0	\$0	\$0	\$0	\$0	\$126,356,417
Other Grants													\$0
Other	\$303,353	\$35,478								\$0			\$338,831
Debtenture Reserves	\$15,300,000												\$15,300,000
Operating	\$1,347,633	\$119,878	\$111,564	\$814,500	\$1,443,300	\$473,000	\$637,175	\$425,000	\$170,000	\$50,000	\$50,000	\$2,550,000	\$8,192,049
													\$0
Total Funding	\$140,603,956	\$1,995,030	\$111,564	\$814,500	\$1,747,500	\$473,000	\$1,196,746	\$425,000	\$170,000	\$50,000	\$50,000	\$2,550,000	\$150,187,297
Surplus / - Deficit	\$554,447	-\$554,447	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$562,000
Capital Reserve													
Opening Balance	\$856,700	\$732,373	\$1,362,495	\$1,843,468	\$1,636,388	\$943,088	\$470,088	\$582,913	\$907,913	\$1,487,913	\$2,187,913	\$2,887,913	\$732,373
Added	\$1,274,560	\$750,000	\$592,537	\$607,420	\$750,000	\$0	\$750,000	\$750,000	\$750,000	\$750,000	\$750,000	\$750,000	\$7,199,957
Withdrawn	-\$1,398,887	-\$119,878	-\$111,564	-\$814,500	-\$1,443,300	-\$473,000	-\$637,175	-\$425,000	-\$170,000	-\$50,000	-\$50,000	-\$2,550,000	-\$6,844,417
Closing Balance	\$732,373	\$1,362,495	\$1,843,468	\$1,636,388	\$943,088	\$470,088	\$582,913	\$907,913	\$1,487,913	\$2,187,913	\$2,887,913	\$1,087,913	\$1,087,913