



South Red Deer Regional Wastewater Commission

2023 Financial Plan and Budget (Version 2.0 - December 9th, 2022)

2022- 2025 Operating Budget

2022- 2025 Capital Budget

2019 - 2027 Infrastructure Plan

Table ES
South Red Deer Regional Wastewater System
2023 Financial Plan and Budget
Operating Financial Summary
Years 2022-2025

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	2022 Projected	2023 Budget	2024 Budget	2025 Budget
Yearly Wastewater Volume (m3)				
Olds	1,483,470	1,271,935	1,278,294	1,284,686
Mountain View County	3,976	4,444	4,578	4,715
Bowden	167,767	170,194	175,300	180,559
Innisfail	928,838	893,039	901,969	910,989
Penhold	318,352	279,741	286,735	293,903
Red Deer County	647,934	640,611	649,751	659,050
Septage Receiving Stations	28,799	23,321	23,555	23,790
Total Volume	3,579,136	3,283,285	3,320,181	3,357,692

Revenue

Rates to Members / m3	\$2.48	\$2.59	\$2.64	\$2.66
Members Rate Revenue	\$8,804,836	\$8,443,306	\$8,703,094	\$8,868,179
Members Contributions	\$0	\$0	\$0	\$0
Septage Receiving Station Rate	\$6.59	\$6.95	\$7.09	\$7.14
SRS Rate Revenue	\$189,785	\$162,141	\$166,924	\$169,870
Other Revenue	\$12,500	\$22,225	\$22,225	\$22,225
Total Revenue	\$9,007,121	\$8,627,672	\$8,892,242	\$9,060,274

Expenditure

Governance and Administration	\$171,153	\$180,097	\$184,215	\$187,885
Treatment by City of Red Deer				
Rate / m3	\$1.19	\$1.24	\$1.28	\$1.31
Treatment Costs	\$4,241,902	\$4,050,746	\$4,243,003	\$4,375,187
System O & M	\$2,144,199	\$2,512,280	\$2,557,651	\$2,606,411
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	\$652,618	\$87,300	\$110,124	\$93,542
Capital Reserves	\$784,000	\$784,000	\$784,000	\$784,000
Total Expenditure	\$9,007,121	\$8,627,672	\$8,892,242	\$9,060,274

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	\$1,342,088	\$1,629,913	\$1,151,929	\$1,851,929
Accumulated Operating Surplus	\$2,203,240	\$2,312,766	\$2,445,115	\$2,560,882

Table E1
South Red Deer Regional Wastewater Commission
2023 Financial Plan and Budget
Governance and Administration Revenue and Expen
Years 2022-2025

	2022		2023	2024	2025	2026
	Budget	Projected	Budget	Forecast	Forecast	Forecast
General Cost Inflation			5.5%	3.5%	2.0%	2.0%
OPERATING REVENUE						
4551 Interest Income	\$15,875	\$12,500	\$22,225	\$22,225	\$22,225	\$22,225
4549 Other Income (Chemical Sales)	\$0	\$0	\$0	\$0	\$0	\$0
Total Revenue	\$15,875	\$12,500	\$22,225	\$22,225	\$22,225	\$22,225
OPERATING EXPENSE						
Board						
5151 Board Honoraria	\$16,553	\$9,455	\$12,895	\$13,101	\$13,298	\$13,497
5152 Chair Honoraria	\$4,093	\$4,093	\$4,330	\$4,399	\$4,465	\$4,532
5211 Mileage and Travel	\$1,508	\$964	\$1,104	\$1,142	\$1,165	\$1,188
5212 Meals and Accommodation	\$1,280	\$900	\$1,240	\$1,283	\$1,309	\$1,335
5227 Insurance	\$11,811	\$11,845	\$3,193	\$3,305	\$3,371	\$3,438
5262 Meeting Room Rental	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal Board Expense	\$35,245	\$27,257	\$22,762	\$23,231	\$23,609	\$23,992
Administration Expenses						
5148 Training and Education	\$1,500	\$842	\$1,000	\$1,020	\$1,046	\$1,059
5211 Mileage and Travel	\$1,666	\$2,015	\$1,897	\$1,935	\$1,983	\$2,008
5212 Accommodation and Meals	\$250	\$233	\$250	\$255	\$261	\$265
5215 Postage & Courier	\$750	\$833	\$900	\$932	\$950	\$969
5216 Telephone	\$420	\$0	\$420	\$428	\$439	\$445
5217 Internet, Data Lines	\$2,220	\$0	\$2,220	\$2,264	\$2,321	\$2,350
5221 Advertising	\$250	\$0	\$250	\$255	\$261	\$265
5222 Membership Fees	\$250	\$195	\$250	\$255	\$261	\$265
5223 Software Licenses and Permits	\$2,418	\$3,932	\$2,418	\$2,466	\$2,528	\$2,559
5227 Insurance	\$2,344	\$1,833	\$2,550	\$2,601	\$2,666	\$2,700
5231 Accounting & Audit Services	\$25,000	\$17,000	\$17,500	\$17,500	\$17,500	\$17,500
5232 Legal Fees	\$5,000	\$737	\$2,500	\$2,550	\$2,614	\$2,646
5234 CAO Contract	\$60,008	\$59,467	\$64,260	\$65,545	\$67,184	\$68,024
5235 Financial Services	\$30,500	\$0	\$5,000	\$5,100	\$5,228	\$5,293
5238 Other Professional Services	\$19,600	\$21,570	\$19,600	\$20,286	\$20,692	\$21,106
5262 Building Rental	\$0	\$0	\$0	\$0	\$0	\$0
5265 SRD Office Rental - Office Facility	\$24,000	\$24,000	\$24,000	\$24,840	\$25,337	\$25,844
5266 Office Utilities	\$5,100	\$6,563	\$6,600	\$6,831	\$6,968	\$7,107
5288 Other Technical Services	\$0	\$0	\$0	\$0	\$0	\$0
5514 Computer and Electronic Equip	\$0	\$0	\$0	\$0	\$0	\$0
5515 Office Supplies	\$2,400	\$0	\$2,400	\$2,484	\$2,534	\$2,584
5516 Office Equipment	\$2,700	\$2,276	\$2,820	\$2,919	\$2,977	\$3,037
5517 Janitorial Cleaning	\$2,400	\$2,400	\$0	\$0	\$0	\$0
5811 Bank Charges & Short Term Interest	\$500	\$0	\$500	\$518	\$528	\$538
Subtotal Administration	\$189,276	\$143,896	\$157,335	\$160,984	\$164,277	\$166,561
Total Expense	\$224,521	\$171,153	\$180,097	\$184,215	\$187,885	\$190,553
Surplus (Deficit Recovered from Rates)	(\$208,646)	(\$158,653)	(\$157,872)	(\$161,990)	(\$165,660)	(\$168,328)

Table E2
South Red Deer Regional Wastewater Commission
2023 Financial Plan and Budget
Detailed Operating & Maintenance Expenses
Years 2022-2025

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2022		2023	2024	2025
Budget	Projected	Budget	Forecast	Forecast

Escalation Factors

Inflationary Factor			5.50%	3.5%	2.0%
Volume Increase Factor			-8.3%	1.1%	1.1%

Expenditures

Total Volume to CRD WWTP	3,249,930	3,579,209	3,283,285	3,320,181	3,357,692
January 1 - February 28					
Volume	525,331	578,557	530,723	536,687	542,750
City of Red Deer Treatment Rate	1.16	\$1.16	\$1.19	\$1.24	\$1.28
Treatment Charges	\$609,384	\$671,126	\$632,569	\$665,492	\$694,720
March 1 - December 31					
Volume	2,724,599	3,000,652	2,752,562	2,783,494	2,814,942
City or Red Deer Treatment Rate	\$1.19	\$1.19	\$1.24	\$1.28	\$1.31
Rate Increase	2.80%	2.80%	4.20%	3.50%	1.73%
Treatment Charges	\$3,242,273	\$3,570,776	\$3,413,177	\$3,572,336	\$3,675,188
Total Treatment Charges	\$3,851,657	\$4,241,902	\$4,045,746	\$4,237,828	\$4,369,908
Allowance for Off Specification Effluent	\$5,000	\$0	\$5,000	\$5,175	\$5,279
5351 Total CRD Charges	\$3,856,657	\$4,241,902	\$4,050,746	\$4,243,003	\$4,375,187

Electric Power

31	Waskasoo LS 1	\$11,565	\$10,314	\$11,847	\$11,055	\$11,177
32	Waskasoo LS 2	\$13,244	\$8,616	\$9,896	\$9,235	\$9,337
33	Waskasoo LS 3	\$24,795	\$19,511	\$22,410	\$20,913	\$21,143
34	Waskasoo Odor Management	\$1,080	\$1,755	\$1,800	\$1,863	\$1,900
41	Penhold Lift Station	\$103,162	\$86,958	\$99,880	\$93,204	\$94,230
42	Innisfail Lift Station	\$89,642	\$101,110	\$116,135	\$108,373	\$109,565
43	Bowden Lift Station	\$34,736	\$28,419	\$32,642	\$30,460	\$30,796
44	Olds Lift Station	\$63,109	\$55,977	\$64,296	\$59,998	\$60,658
46	Odor Management Facility	\$37,016	\$62,910	\$72,258	\$67,429	\$68,171
5541	UT Total Electric Power Utilities	\$378,349	\$375,570	\$431,164	\$402,530	\$406,976

5211	OGS	Mileage and Travel	\$1,666	\$0	\$1,897	\$1,963	\$2,003
5212	OGS	Accommodations and Meals	\$250	\$0	\$250	\$259	\$264
5215	OGS	Courier, Freight	\$750	\$0	\$0	\$0	\$0
5216	OGS	Telephone	\$900	\$0	\$900	\$932	\$950
5217	OGS	Internet/Data Lines	\$28,200	\$51,355	\$46,200	\$47,817	\$48,773
5223	OGS	Software Licenses and Permits	\$3,500	\$3,186	\$3,000	\$3,105	\$3,167
5227	OGS	Insurance	\$63,442	\$0	\$56,289	\$59,424	\$61,825
5233	PS	General Engineering	\$100,000	\$110,225	\$100,000	\$103,500	\$105,570
5234	MF	Management, CAO	\$60,008	\$59,467	\$64,260	\$66,509	\$67,839
5238	PS	Other Professional Services	\$48,000	\$61,110	\$60,000	\$62,100	\$63,342
5241	OSC	Municipal - Contract Operating Services	\$476,835	\$458,641	\$479,129	\$495,899	\$505,817
5252	MR	Building Maint / Repair	\$2,000	\$0	\$0	\$0	\$0
5253	MR	Equipment Maint / Repair	\$391,750	\$237,732	\$394,371	\$408,174	\$416,338
5263	OGS	Equipment Rentals	\$2,500	\$0	\$1,000	\$1,035	\$1,056
5282	OGS	Wastewater Effluent Testing	\$3,600	\$0	\$1,600	\$1,656	\$1,689

Table E2
South Red Deer Regional Wastewater Commission
2023 Financial Plan and Budget
Detailed Operating & Maintenance Expenses
Years 2022-2025

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			2022		2023	2024	2025
			Budget	Projected	Budget	Forecast	Forecast
5288	PS	Other Technical Services	\$1,200	\$0	\$1,000	\$1,035	\$1,056
5514	OGS	Computer, Electronic Equipment	\$0	\$0	\$0	\$0	\$0
5515	OGS	Office Supplies	\$0	\$0	\$0	\$0	\$0
5518	OGS	Safety Equipment	\$20,800	\$0	\$0	\$0	\$0
5519	OGS	Other General Supplies	\$5,000	\$0	\$9,000	\$9,315	\$9,501
5521	OGS	Fuel, Lubricants	\$3,000	\$3,500	\$3,000	\$3,105	\$3,167
5523	MR	Repair and Maintenance Parts	\$7,500	\$0	\$0	\$0	\$0
5531	CH	Odor Management Chemicals	\$512,528	\$695,028	\$733,436	\$759,106	\$774,288
5538	CH	Other Chemicals	\$66,880	\$21,157	\$66,880	\$69,221	\$70,606
5542	UT	Natural Gas	\$31,545	\$57,996	\$48,461	\$50,158	\$51,161
5543	UT	Municipal Utilities	\$7,200	\$9,232	\$10,442	\$10,807	\$11,023
Total O & M Expenses			\$6,074,060	\$6,386,101	\$6,563,026	\$6,800,654	\$6,981,598

Table 6.1
South Red Deer Regional Wastewater System
2023 Financial Plan and Budget
Expenditures for Governance and Administration
Years 2022-2025

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	2022		2023	2024	2025
	Budget	Projected	Budget	Budget	Budget
General Inflationary Allownce			5.50%	3.50%	2.00%
Expense					
<u>Commission Board</u>					
Board Honorairums	\$20,646	\$13,548	\$17,225	\$17,501	\$17,763
Board Expense	\$14,599	\$13,709	\$5,537	\$5,730	\$5,845
	<u>\$35,245</u>	<u>\$27,257</u>	<u>\$22,762</u>	<u>\$23,231</u>	<u>\$23,609</u>
<u>General Administrative Services</u>					
CAO Services Contract	\$60,008	\$59,467	\$64,260	\$65,545	\$67,184
Admin Services & Office	\$29,100	\$30,563	\$30,600	\$31,671	\$32,304
Audit Services Contract	\$25,000	\$17,000	\$17,500	\$17,500	\$17,500
Other Professional and Consulting	\$5,500	\$737	\$3,000	\$3,068	\$3,142
General Goods and Services	\$69,668	\$36,129	\$41,975	\$43,200	\$44,147
	<u>\$189,276</u>	<u>\$143,896</u>	<u>\$157,335</u>	<u>\$160,984</u>	<u>\$164,277</u>
Gross Costs	\$224,521	\$171,153	\$180,097	\$184,215	\$187,885
<u>Less:</u>					
Interest Income	(\$15,875)	(\$12,500)	(\$22,225)	(\$22,225)	(\$22,225)
Other Income (Chemical Sales)	\$0	\$0	\$0	\$0	\$0
Net Costs to be Recovered	\$208,646	\$158,653	\$157,872	\$161,990	\$165,660
To be Recovered from Rates	\$208,646	\$158,653	\$157,872	\$161,990	\$165,660

Table 6.2
South Red Deer Regional Wastewater System
2023 Financial Plan and Budget
Actual and Projected Wastewater Volumes
Years 2022-2025


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	2016 Actual	2017 Actual	2018 Actual	2019 Actual	2020 Actual	2021 Actual	2022		2023 Budget	2024 Budget	2025 Budget
							Budget	Projected			


Olds

Growth Rate									-14.3%	0.5%	0.5%	
Annual Volume (m3)	1,446,230	1,315,552	1,194,476	1,286,264	1,312,059	1,083,405	1,226,282	1,483,470	1,271,935	1,278,294	1,284,686	
Population			10,244	10,244	10,245			10,245	10,245	10,245	10,245	
Wastewater Generation (lcd)			319	344	351			397	340	342	344	


Mountain View County

Growth Rate									11.8%	3.0%	3.0%	
Annual Volume (m3)	4,042	3,576	3,764	5,350	5,304	3,828	4,864	3,976	4,444	4,578	4,715	

Bowden

Growth Rate									1.4%	3.0%	3.0%	
Annual Volume (m3)	143,363	151,360	171,888	142,134	208,815	160,366	169,515	167,767	170,194	175,300	180,559	
Population			1,240	1,240	1,240			1,240	1,240	1,240	1,240	
Wastewater Generation (lcd)			380	314	461			371	376	387	399	

Innisfail

Growth Rate									-3.9%	1.0%	1.0%	
Annual Volume (m3)	993,323	879,967	813,886	888,162	1,005,607	828,701	911,469	928,838	893,039	901,969	910,989	
Population			7,847	7,847	7,847			7,953	7,953	7,953	7,953	
Wastewater Generation (lcd)			284	310	351			320	308	311	314	

Penhold


Growth Rate									-12.1%	2.5%	2.5%	
Annual Volume (m3)	239,748	256,598	256,616	260,735	285,892	277,110	273,846	318,352	279,741	286,735	293,903	
Population			3,165	3,165	3,165			3,197	3,229	3,261	3,294	
Wastewater Generation (lcd)			222	226	247			273	237	241	244	

Table 6.2
South Red Deer Regional Wastewater System
2023 Financial Plan and Budget
Actual and Projected Wastewater Volumes
Years 2022-2025

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	2016	2017	2018	2019	2020	2021	2022		2023	2024	2025
	Actual	Actual	Actual	Actual	Actual	Actual	Budget	Projected	Budget	Budget	Budget
Septage Receiving Stations											
Growth Rate									-19.0%	1.0%	1.0%
Annual Volume (m3)	20,922	18,829	22,524	21,814	21,737	21,733	22,047	28,799	23,321	23,555	23,790
Total Regional Line	2,847,628	2,625,882	2,463,154	2,604,459	2,839,414	2,375,143	2,608,023	2,931,275	2,642,674	2,670,430	2,698,642
Springbrook											
Growth Rate									4.8%	2.5%	2.5%
Annual Volume (m3)	165,299	163,720	158,273	175,127	230,680	173,336	193,187	173,831	182,249	186,806	191,476
Gasoline Alley											
Growth Rate									-3.3%	1.0%	1.0%
Annual Volume (m3)	463,131	453,334	470,419	468,623	445,718	432,944	448,720	474,103	458,361	462,945	467,574
Total Waskasoo	628,430	617,054	628,692	643,750	676,398	606,280	641,907	647,934	640,611	649,751	659,050
Total SRD System	3,476,058	3,242,936	3,091,846	3,248,209	3,515,812	2,981,423	3,249,930	3,579,209	3,283,285	3,320,181	3,357,692
Estimates from 2012 Business Plan	4,266,916	4,366,380	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				8,031	7,240	7,316	7,394
Waskasoo Line	1,722	1,691	1,718	1,759				1,775	1,755	1,780	1,806
Total SRD System	9,523	8,885	8,448	8,875				9,806	8,995	9,096	9,199

Table 6.3
South Red Deer Regional Wastewater System
2023 Financial Plan and Budget
System Operations Expense and Revenue to be Raised from Rates
Years 2022-2025

	2022		2023 Budget	2024 Budget	2025 Budget
	Budget	Projected			
Index					
Inflationary Factor			5.5%	3.5%	2.0%
Governance and Administration	\$208,646	\$158,653	\$157,872	\$161,990	\$165,660
Operations and Maintenance					
<u>Waste Water Treatment Services</u>					
City of Red Deer Treatment Rate	\$1.16	\$1.19	\$1.24	\$1.28	\$1.31
Projected Rate Increase			4.20%	3.50%	1.73%
Allowance: Increases/Extra Charges					
Total Rate	\$1.15	\$1.19	\$1.24	\$1.28	\$1.31
Treatment Costs	\$3,851,657	\$4,241,902	\$4,045,746	\$4,237,828	\$4,369,908
Prior Year Adjustment					
Allowance - Over Strength Charge	\$5,000	\$0	\$5,000	\$5,175	\$5,279
Total Wastewater Treatment	\$3,856,657	\$4,241,902	\$4,050,746	\$4,243,003	\$4,375,187
<u>Transmission System Operations</u>					
OSC Operations Services Contract	\$476,835	\$458,641	\$479,129	\$495,899	\$505,817
MF Management and Financial	\$60,008	\$59,467	\$64,260	\$66,509	\$67,839
PS Professional Services	\$149,200	\$171,335	\$161,000	\$166,635	\$169,968
OGS Operating Goods and Services	\$133,608	\$58,041	\$123,136	\$128,611	\$132,396
MR Maintenance and Repair	\$401,250	\$237,732	\$394,371	\$408,174	\$416,338
UT Utilities	\$417,094	\$442,798	\$490,067	\$463,495	\$469,160
CH Chemicals	\$579,408	\$716,185	\$800,316	\$828,327	\$844,894
	\$2,217,403	\$2,144,199	\$2,512,280	\$2,557,651	\$2,606,411
Total O & M Costs	\$6,074,060	\$6,386,101	\$6,563,026	\$6,800,654	\$6,981,598
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	\$8,079,955	\$8,342,003	\$8,518,147	\$8,759,893	\$8,944,507

Table 6.4
South Red Deer Regional Wastewater System
2023 Financial Plan and Budget
Rate Calculation for Wastewater Services
Years 2022-2025

Index	2022		2023	2024	2025
	Budget	Projected	Budget	Budget	Budget
Annual Volume (Table 6.2)	3,249,930	3,579,209	3,283,285	3,320,181	3,357,692
Total Annual Expenditure (Table 6.3)	\$8,079,955	\$8,342,003	\$8,518,147	\$8,759,893	\$8,944,507
Less: G and A Excess Revenue					
Net Revenue to be Raised from Rates	\$ 8,079,955	\$ 8,342,003	\$ 8,518,147	\$ 8,759,893	\$ 8,944,507
Actual Rate Per M3 Required	\$2.4862	\$2.3307	\$2.5944	\$2.6384	\$2.6639
Projected Rate Per M3 for Members	\$ 2.48	\$ 2.48	\$ 2.59	\$ 2.64	\$ 2.66
Increase over previous year			4.4%	1.9%	0.8%
Rate Components					
Governance and Administration	\$0.064	\$0.044	\$0.048	\$0.049	\$0.049
Treatment Services	\$1.150	\$1.185	\$1.240	\$1.283	\$1.306
SRD System O & M	\$0.682	\$0.599	\$0.765	\$0.770	\$0.776
Debt Servicing Costs	\$0.266	\$0.241	\$0.263	\$0.260	\$0.257
To Reserves / Surplus	\$0.318	\$0.410	\$0.274	\$0.277	\$0.272
Total	\$2.480	\$2.480	\$2.590	\$2.640	\$2.660
Septage Receiving Station Customer Rates					
Projected Rate per M3	\$ 6.59	\$ 6.59	\$ 6.95	\$ 7.09	\$ 7.14
Revenue From Rates					
<u>Members</u>					
Mountain View County	\$12,063	\$9,860	\$11,511	\$12,085	\$12,542
Town of Olds	\$3,041,179	\$3,679,006	\$3,294,311	\$3,374,697	\$3,417,265
Town of Bowden	\$420,397	\$416,062	\$440,802	\$462,792	\$480,286
Town of Innisfail	\$2,260,443	\$2,303,518	\$2,312,970	\$2,381,199	\$2,423,230
Town of Penhold	\$679,138	\$789,513	\$724,529	\$756,979	\$781,782
Red Deer County	\$1,591,929	\$1,606,876	\$1,659,182	\$1,715,342	\$1,753,074
Total Members	\$8,005,150	\$8,804,836	\$8,443,306	\$8,703,094	\$8,868,179
<u>Others</u>					
SRS Customers	\$145,290	\$189,785	\$162,141	\$166,924	\$169,870
Total Revenue from Rates	\$ 8,150,440	\$ 8,994,621	\$ 8,605,447	\$ 8,870,017	\$ 9,038,049

Table 6.5
South Red Deer Regional Wastewater System
2023 Financial Plan and Budget
Summary of Income Statement Items
Years 2022-2025

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	2022		2023	2024	2026
	Budget	Projected	Budget	Budget	Budget
Cash Revenue					
Rates (From Table 6.4)	\$8,150,440	\$8,994,621	\$8,605,447	\$8,870,017	\$9,038,049
Members Contributions (T6.1)	\$0	\$0	\$0	\$0	\$0
Grants					
Other G and A Revenue	\$15,875	\$12,500	\$22,225	\$22,225	\$22,225
Other O and M Revenue					
Drawn from Operating Reserves	\$0	\$0	\$0	\$0	\$0
Total Revenue	\$8,166,315	\$9,007,121	\$8,627,672	\$8,892,242	\$9,060,274
Cash Expenditures					
Governance and Administration (Table 6.1)	\$208,646	\$158,653	\$157,872	\$161,990	\$165,660
System O & M (Table 6.3)	\$6,074,060	\$6,386,101	\$6,563,026	\$6,800,654	\$6,981,598
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	\$8,080,135	\$8,342,003	\$8,518,147	\$8,759,893	\$8,944,507
Increase(decrease) In Operating Fund Balance (Unrestricted Surplus)	\$86,180	\$665,118	\$109,525	\$132,349	\$115,767
Non Cash Expense					
Add:					
Reserve Contributions	\$934,000	\$934,000	\$934,000	\$934,000	\$934,000
Debt Prinicipal Payments	\$519,667	\$519,667	\$534,777	\$550,328	\$566,331
Less: Annual Amortization	-\$2,694,982	-\$2,694,981	-\$2,694,981	-\$2,694,981	-\$2,694,981
Accrued Surplus (Deficit)	-\$1,155,135	-\$576,196	-\$1,116,678	-\$1,078,304	-\$1,078,883

Table 6.6
South Red Deer Regional Wastewater System
2023 Financial Plan and Budget
Restricted and Unrestricted Surplus
Years 2022-2025

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	2022		2023	2024	2025
	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	\$628,271	\$654,475	\$672,090	\$696,264	\$714,726
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	\$850,000	\$870,000	\$890,000	\$910,000	\$930,000
Capital Reserve					
<u>General Capital</u>					
Opening Balance	\$943,088	\$943,088	\$1,342,088	\$1,629,913	\$1,151,929
Additions	\$784,000	\$784,000	\$750,000	\$750,000	\$750,000
(Withdrawals)	-\$385,000	-\$385,000	-\$462,175	-\$1,227,984	-\$50,000
Closing Balance	\$1,342,088	\$1,342,088	\$1,629,913	\$1,151,929	\$1,851,929
<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	\$2,203,240	\$2,312,766	\$2,445,115
Excess / (Deficiency)	\$86,180	\$665,118	\$109,525	\$132,349	\$115,767
Closing Balance	\$1,540,341	\$2,203,240	\$2,312,766	\$2,445,115	\$2,560,882
Proportion of total Revenue	19%	24%	27%	27%	28%

Table 6.7
South Red Deer Regional Wastewater System
Summary of Municipal Contributions
Years 2022-2025

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	2022		2023	2024	2025
	Budget	Projected	Budget	Budget	Budget
Mountain View County					
Governance and Administration	\$0	\$0	\$0	\$0	\$0
Wastewater Services	\$12,063	\$9,860	\$11,511	\$12,085	\$12,542
	\$12,063	\$9,860	\$11,511	\$12,085	\$12,542
Town of Olds					
Governance and Administration	\$0	\$0	\$0	\$0	\$0
Wastewater Services	\$3,041,179	\$3,679,006	\$3,294,311	\$3,374,697	\$3,417,265
	\$3,041,179	\$3,679,006	\$3,294,311	\$3,374,697	\$3,417,265
Town of Bowden					
Governance and Administration	\$0	\$0	\$0	\$0	\$0
Wastewater Services	\$420,397	\$416,062	\$440,802	\$462,792	\$480,286
	\$420,397	\$416,062	\$440,802	\$462,792	\$480,286
Town of Innisfail					
Governance and Administration	\$0	\$0	\$0	\$0	\$0
Wastewater Services	\$2,260,443	\$2,303,518	\$2,312,970	\$2,381,199	\$2,423,230
	\$2,260,443	\$2,303,518	\$2,312,970	\$2,381,199	\$2,423,230
Town of Penhold					
Governance and Administration	\$0	\$0	\$0	\$0	\$0
Wastewater Services	\$679,138	\$789,513	\$724,529	\$756,979	\$781,782
	\$679,138	\$789,513	\$724,529	\$756,979	\$781,782
Red Deer County					
Governance and Administration	\$0	\$0	\$0	\$0	\$0
Wastewater Services	\$1,591,929	\$1,606,876	\$1,659,182	\$1,715,342	\$1,753,074
	\$1,591,929	\$1,606,876	\$1,659,182	\$1,715,342	\$1,753,074

Table 4.1
South Red Deer Regional Wastewater Commission
2023 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	\$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							\$215,000						
Upgrade smoke/gas detectors							\$95,000						
2023 Capital/Assessment Pojects													
Lift Station critical equipment assessment testing								\$175,000					
Equalization Storage													
Bowden													
Forcemain		\$290,000											\$0
Berm Modifications		\$48,000											\$290,000
Total Bowden Installation	\$0	\$338,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$338,000
Innisfail													
Land Compensation					\$40,001								\$0
Forcemain, Gravity Return					\$55,125								\$0
Berm Development					\$132,930								\$0
Liner					\$128,192								\$0
Access, soil, seeding, misc.					\$131,250								\$0
Engineering(@10%) & Contingency@(20%)					\$134,249								\$0
Total Innisfail Installation	\$0	\$0	\$0	\$0	\$621,747	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Olds (Town Lagoon Option)													
Land Compensation									\$22,320				\$0
Forcemain to former lagoon site									\$5,761,550				\$0
Engineering(@10%) & Contingency@(20%)									\$1,445,968				\$0
Total Innisfail Installation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,229,838	\$0	\$0	\$0	\$0
Total Equalization Storage	\$0	\$0	\$0	\$0	\$338,000	\$0	\$0	\$621,747	\$7,229,838	\$0	\$0	\$0	\$338,000

Table 4.1
South Red Deer Regional Wastewater Commission
2023 Financial Plan and Budget
Capital Budget - Expense and Funding

Infrastructure Expense													
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Total Regional System	\$140,049,509	\$2,049,478	\$0	\$0	\$1,055,000	\$372,000	\$360,000	\$846,747	\$7,279,838	\$50,000	\$50,000	\$50,000	\$143,503,986
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
<u>Pipeline Upgrading, Renewal and Replacement</u>					\$625,000	\$0	\$0	\$150,000					\$775,000
<u>Lift Station Upgrading</u>													
<u>Lift Station 1</u>													
Wet Well Expansion						\$0	\$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
Total Lift Station 1	\$350,000	\$111,564	\$155,500	\$17,500	\$0	\$0	\$0	\$0	\$165,000	\$0	\$0	\$0	\$799,564
<u>Lift Station 2</u>													
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	\$0					\$0
HVAC - Roof Top Ventilation Replacement							\$40,000						\$40,000
Total Lift Station 2	\$0	\$0	\$281,500	\$25,000	\$0	\$0	\$0	\$25,000	\$40,000	\$0	\$0	\$0	\$371,500

Table 4.1
South Red Deer Regional Wastewater Commission
2023 Financial Plan and Budget
Capital Budget - Expense and Funding

Infrastructure Expense													
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Lift Station 3													
Wet Well Expansion					\$0	\$0	\$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									\$16,500
Redo Roof					\$0	\$50,000							\$50,000
Electrical and Controls				\$145,000									\$145,000
Standby Power - New Generator				\$130,000									\$130,000
Grinder Replacement													\$0
HVAC - Roof Top Ventilation Replacement								\$0					\$0
Total Lift Station 3		\$0	\$0	\$291,500	\$25,000	\$101,000	\$0	\$0	\$250,000	\$0	\$0	\$0	\$667,500
Total Waskasoo System		\$500,000	\$111,564	\$814,500	\$692,500	\$101,000	\$0	\$175,000	\$455,000	\$0	\$0	\$2,500,000	\$5,349,564
Total South Red Deer System	\$140,049,509	\$2,549,478	\$111,564	\$814,500	\$1,747,500	\$473,000	\$360,000	\$1,021,747	\$7,734,838	\$50,000	\$50,000	\$2,550,000	\$148,853,550
Funding													
Water for Life Grant	\$123,652,971	\$1,839,674	\$0	\$0	\$304,200	\$0	\$0	\$559,572	\$6,506,854	\$0	\$0	\$0	\$132,863,272
Other Grants													\$0
Other	\$303,353	\$35,478											\$338,831
Debtenture	\$15,300,000												\$15,300,000
Reserves	\$1,347,633	\$119,878	\$111,564	\$814,500	\$1,443,300	\$473,000	\$360,000	\$462,175	\$1,227,984	\$50,000	\$50,000	\$2,550,000	\$9,010,033
Operating													\$0
Total Funding	\$140,603,956	\$1,995,030	\$111,564	\$814,500	\$1,747,500	\$473,000	\$360,000	\$1,021,747	\$7,734,838	\$50,000	\$50,000	\$2,550,000	\$157,512,136
Surplus / - Deficit	\$554,447	-\$554,447	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,658,585
Capital Reserve													
Opening Balance	\$856,700	\$732,373	\$1,362,495	\$1,843,468	\$1,636,388	\$943,088	\$470,088	\$860,088	\$1,147,913	\$669,929	\$1,369,929	\$2,069,929	\$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	-\$360,000	-\$462,175	-\$1,227,984	-\$50,000	-\$50,000	-\$2,550,000	-\$7,662,401
Closing Balance	\$732,373	\$1,362,495	\$1,843,468	\$1,636,388	\$943,088	\$470,088	\$860,088	\$1,147,913	\$669,929	\$1,369,929	\$2,069,929	\$2,699,929	\$269,929

Table 4.5
South Red Deer Regional Wastewater System
Debt Limit

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Long and Short Term Borrowing

Long and Short Term Borrowing - Commission Funding

Long Term Borrowing (Table 4.2)	\$10,999,835
Operating Line of Credit	\$2,000,000
Total Commission Debt - Short and Long Term Borrowing	\$12,999,835

Short Term Borrowing - Government of Alberta Funding

Water for Life Grant Installment, Interim Interest Costs	\$0
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Total Long and Short Term Borrowing	<u><u>\$12,999,835</u></u>
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Regulated Debt Limit

Debt Limit at December 31, 2022 at 2 times Annual Income	\$18,014,242
Annual Debt Servicing Limit at 35% of Annual Income	\$3,152,492

Estimated Annual Income - 2023	\$8,627,672
Commission Funding Debt as a factor of 2023 Annual Revenue	1.5

Annual Debt Payments in 2023	\$863,249
Annual Debt Servicing Limit at 35% of annual revenue in 2023	\$3,019,685
Annual Payments as % of Annual Revenue in 2023	10%