



South Red Deer Regional Wastewater Commission

2017 Operating Budget and Financial Plan

Adopted December 16, 2016

Table ES
South Red Deer Regional Wastewater System
2017 Financial Plan and Budget
Operating Financial Summary
Years 2017 - 2021

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	2017 Budget	2018 Estimate	2019 Estimate	2020 Forecast	2021 Forecast
Yearly Wastewater Volume (m3)	3,456,967	3,485,024	3,513,459	3,542,276	3,571,481
Revenue					
Rates to Members / m3	\$2.15	\$2.20	\$2.25	\$2.30	\$2.35
Members Rate Revenue	\$7,389,810	\$7,623,393	\$7,860,629	\$8,101,588	\$8,346,342
Members Contributions	\$0	\$0	\$0	\$0	\$0
Septage Receiving Station Rate	\$5.45	\$5.58	\$5.71	\$5.84	\$5.96
SRS Rate Revenue	\$108,257	\$110,775	\$113,292	\$115,810	\$118,328
Other Revenue	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000
Total Revenue	\$7,500,067	\$7,736,167	\$7,975,921	\$8,219,398	\$8,466,669
Expenditure					
Governance and Administration	\$125,176	\$127,577	\$130,129	\$132,731	\$135,386
Treatment by City of Red Deer					
Rate / m3	\$1.05	\$1.09	\$1.14	\$1.18	\$1.23
Treatment Costs	\$3,640,405	\$3,816,465	\$4,001,217	\$4,195,098	\$4,398,570
System O & M	\$1,969,941	\$2,013,350	\$2,069,563	\$2,113,345	\$2,158,073
Special Projects	\$50,000	\$0	\$0	\$0	\$0
Debenture Payments	\$866,014	\$866,014	\$866,014	\$866,014	\$866,014
Operating Reserves	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000
Unrestricted Surplus	\$39,532	\$53,762	\$49,999	\$53,210	\$49,627
Capital Reserves	\$659,000	\$709,000	\$709,000	\$709,000	\$709,000
Total Expenditure	\$7,500,067	\$7,736,167	\$7,975,921	\$8,219,398	\$8,466,669
Reserves and Surplus Balances at Year End					
Operating Reserves	\$538,980	\$638,980	\$738,980	\$838,980	\$938,980
Rate Stabilization Reserve	\$177,064	\$227,064	\$277,064	\$327,064	\$377,064
Capital Reserves	\$879,952	\$1,104,952	\$1,329,952	\$2,004,952	\$2,679,952
Accumulated Operating Surplus	\$1,927,752	\$1,981,515	\$2,031,514	\$2,084,723	\$2,134,350

Table 6.1
South Red Deer Regional Wastewater System
2017 Financial Plan and Budget
Expenditures for Governance and Administration
Years 2016 - 2021

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	2016 Projected	2017 Budget	2018 Estimate	2019 Estimate	2020 Forecast	2021 Forecast
General Inflationary Allowance	2%	2%	2%	2%	2%	2%
Expense						
<u>Commission Board</u>						
Board Honorairums	\$19,265	\$19,705	\$20,099	\$20,501	\$20,911	\$21,330
Board Expensese	\$0	\$4,391	\$4,377	\$4,464	\$4,554	\$4,645
	\$19,265	\$24,096	\$24,476	\$24,966	\$25,465	\$25,974
<u>General Administrative Services</u>						
CAO Services Contract	\$35,074	\$51,638	\$52,671	\$53,724	\$54,799	\$55,895
Admin Services Contract	\$0	\$8,400	\$8,568	\$8,739	\$8,914	\$9,092
Audit Services Contract	\$13,091	\$15,600	\$15,912	\$16,230	\$16,555	\$16,886
Other Professional and Consulting	\$12,473	\$5,200	\$5,304	\$5,410	\$5,518	\$5,629
General Goods and Services	\$12,950	\$20,242	\$20,647	\$21,059	\$21,481	\$21,910
	\$73,588	\$101,080	\$103,101	\$105,163	\$107,267	\$109,412
Relocation of Administrative Office	\$11,751					
Gross Costs	\$104,604	\$125,176	\$127,577	\$130,129	\$132,731	\$135,386
<u>Less:</u>						
Interest Income	(\$2,800)	(\$2,000)	(\$2,000)	(\$2,000)	(\$2,000)	(\$2,000)
Implementation Grant						
Other Income	\$0	\$0	\$0	\$0	\$0	\$0
Net Costs to be Recovered	\$101,804	\$123,176	\$125,577	\$128,129	\$130,731	\$133,386
To be Recovered from Rates	(\$8,396)	\$123,176	\$125,577	\$128,129	\$130,731	\$133,386
To be Recovered by Direct Contribution	\$110,200	\$0	\$0	\$0	\$0	\$0
Direct Contributions from Members						
	%					
Town of Olds	30%	\$33,060	\$0	\$0	\$0	\$0
Town of Innisfail	30%	\$5,510	\$0	\$0	\$0	\$0
Red Deer County	15%	\$33,060	\$0	\$0	\$0	\$0
Mountain View County *	15%	\$5,510	\$0	\$0	\$0	\$0
Town of Penhold	5%	\$16,530	\$0	\$0	\$0	\$0
Town of Bowden	5%	\$16,530	\$0	\$0	\$0	\$0
	100%	\$110,200	\$0	\$0	\$0	\$0

Table 6.2
South Red Deer Regional Wastewater System
2017 Financial Plan and Budget
Actual and Projected Wastewater Volumes
2016 - 2021

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	2016 Projected *	2017 Budget	2018 Estimate	2019 Estimate	2020 Forecast	2021 Forecast
Olds						
Growth Rate		1.0%	1.0%	1.0%	1.0%	1.0%
Annual Volume (m3)	1,421,061	1,435,272	1,449,624	1,464,121	1,478,762	1,493,549
Mountain View County						
Growth Rate		2.0%	2.0%	2.0%	2.0%	2.0%
Annual Volume (m3)	4,606	4,698	4,792	4,888	4,986	5,085
Bowden						
Growth Rate		0.0%	0.0%	0.0%	0.0%	0.0%
Annual Volume (m3)	137,399	137,399	137,399	137,399	137,399	137,399
Innisfail						
Growth Rate		0.0%	0.0%	0.0%	0.0%	0.0%
Annual Volume (m3)	975,538	975,538	975,538	975,538	975,538	975,538
Penhold						
Growth Rate		1.0%	1.0%	1.0%	1.0%	1.0%
Annual Volume (m3)	243,095	245,526	247,981	250,461	252,966	255,495
Septage Receiving Stations						
Growth Rate		0.0%	0.0%	0.0%	0.0%	0.0%
Annual Volume (m3)	19,846	19,846	19,846	19,846	19,846	19,846
Total Regional Line	2,801,545	2,818,279	2,835,181	2,852,253	2,869,496	2,886,913
Springbrook						
Growth Rate		1.0%	1.0%	1.0%	1.0%	1.0%
Annual Volume (m3)	160,232	161,834	163,453	165,087	166,738	168,405
Gasoline Alley						
Growth Rate		2.0%	2.0%	2.0%	2.0%	2.0%
Annual Volume (m3)	467,504	476,854	486,391	496,119	506,041	516,162
Total Waskasoo	627,736	638,688	649,844	661,206	672,779	684,568
Total SRD System	3,429,281	3,456,967	3,485,024	3,513,459	3,542,276	3,571,481
Estimates from 2012 Business Plan	4,545,085	4,629,675	4,715,887			
Average Daily Volume						
Regional Line	7,654	7,721	7,768	7,814	7,862	7,909
Waskasoo Line	1,715	1,750	1,780	1,812	1,843	1,876
Total SRD System	9,370	9,471	9,548	9,626	9,705	9,785

* Projected includes Actual Volumes from Jan - Sep plus estimates for Oct, Nov and Dec

Table 6.3
South Red Deer Regional Wastewater System
2017 Financial Plan and Budget
System Operations Expense and Revenue to be Raised from Rates
Years 2016 - 2021

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	2016	2017	2018	2019	2020	2021
	Projected	Budget	Estimate	Estimate	Forecast	Forecast
Inflationary Factor	0.0%	2.0%	2.0%	2.0%	2.0%	2.0%
Governance and Administration		\$123,176	\$125,577	\$128,129	\$130,731	\$133,386
Operations and Maintenance						
<u>Waste Water Treatment Services</u>						
City of Red Deer Treatment Rate	\$0.9050	\$1.0502	\$1.0922	\$1.1359	\$1.1813	\$1.2286
Projected Rate Increase	13%	16%	4%	4%	4%	4%
Allowance: Increases/Extra Charges						
Total Rate	\$0.9050	\$1.0502	\$1.0922	\$1.1359	\$1.1813	\$1.2286
Treatment Costs	\$3,142,581	\$3,630,405	\$3,806,265	\$3,990,813	\$4,184,486	\$4,387,746
Allowance - Over Strength Charge	\$0	\$10,000	\$10,200	\$10,404	\$10,612	\$10,824
Total Wastewater Treatment	\$3,142,581	\$3,640,405	\$3,816,465	\$4,001,217	\$4,195,098	\$4,398,570
<u>Transmission System Operations</u>						
Operations Services Contract	\$610,637	\$624,394	\$636,882	\$649,620	\$662,612	\$675,864
Management and Financial	\$37,755	\$56,838	\$57,975	\$59,134	\$60,317	\$61,523
Professional Services	\$40,450	\$8,000	\$8,160	\$8,323	\$8,490	\$8,659
Operating Goods and Services	\$98,927	\$87,167	\$88,910	\$90,689	\$92,502	\$94,353
Maintenance and Repair	\$108,000	\$243,635	\$248,508	\$253,478	\$258,547	\$263,718
Utilities	\$477,953	\$549,844	\$564,851	\$592,094	\$606,326	\$620,914
Chemicals	\$450,000	\$400,063	\$408,064	\$416,226	\$424,550	\$433,041
	\$1,823,722	\$1,969,941	\$2,013,350	\$2,069,563	\$2,113,345	\$2,158,073
Total O & M Costs	\$4,966,303	\$5,610,346	\$5,829,814	\$6,070,779	\$6,308,443	\$6,556,643
Special Projects						
OMF Rehabilitation		\$50,000				
Transfer to Operating Reserves						
Rate Stabilization Reserve	\$35,000	\$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	\$100,000
	\$135,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000
For Capital Development						
Annual Debt Payments	\$863,249	\$866,014	\$866,014	\$866,014	\$866,014	\$866,014
To Capital Expenditure						
To SRS Capital Reserves	\$35,000	\$34,000	\$34,000	\$34,000	\$34,000	\$34,000
To General Capital Reserves	\$790,000	\$625,000	\$675,000	\$675,000	\$675,000	\$675,000
	\$1,688,249	\$1,525,014	\$1,575,014	\$1,575,014	\$1,575,014	\$1,575,014
Total Expenditures	\$6,789,552	\$7,458,535	\$7,680,405	\$7,923,922	\$8,164,188	\$8,415,043

Table 6.4
South Red Deer Regional Wastewater System
2017 Financial Plan and Budget
Rate Calculation for Wastewater Services
Years 2016 - 2021

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	2016 Projected	2017 Budget	2018 Estimate	2019 Estimate	2020 Forecast	2021 Forecast
Annual Volume (Table 6.2)	3,429,281	3,456,967	3,485,024	3,513,459	3,542,276	3,571,481
Total Annual Expenditure (Table 6.3)	\$6,789,552	\$7,458,535	\$7,680,405	\$7,923,922	\$8,164,188	\$8,415,043
Less: G and A Excess Revenue	- 8,396					
Net Revenue to be Raised from Rates	\$ 6,781,156	\$ 7,458,535	\$ 7,680,405	\$ 7,923,922	\$ 8,164,188	\$ 8,415,043
Actual Rate Per M3 Required	\$1.9774	\$2.1575	\$2.2038	\$2.2553	\$2.3048	\$2.3562
Projected Rate Per M3 for Members	\$ 1.95	\$ 2.15	\$ 2.20	\$ 2.25	\$ 2.30	\$ 2.35
Increase over previous year		10.3%	2.3%	2.3%	2.2%	2.2%
Rate Components						
Governance and Administration	\$0.00	\$0.036	\$0.036	\$0.036	\$0.037	\$0.037
Treatment Services	\$0.91	\$1.050	\$1.092	\$1.136	\$1.181	\$1.229
SRD System O & M	\$0.53	\$0.570	\$0.578	\$0.589	\$0.597	\$0.604
Debt Servicing Costs	\$0.25	\$0.251	\$0.248	\$0.246	\$0.244	\$0.242
To Reserves / Surplus	\$0.26	\$0.244	\$0.246	\$0.242	\$0.241	\$0.237
Total	\$1.95	\$2.150	\$2.200	\$2.250	\$2.300	\$2.350
Septage Receiving Station Customer Rates						
Projected Rate per M3	\$ 4.95	\$ 5.45	\$ 5.58	\$ 5.71	\$ 5.84	\$ 5.96
Revenue From Rates						
<u>Members</u>						
Mountain View County	\$8,982	\$10,101	\$10,543	\$10,998	\$11,467	\$11,951
Town of Olds	\$2,771,069	\$3,085,834	\$3,189,174	\$3,294,271	\$3,401,152	\$3,509,841
Town of Bowden	\$267,928	\$295,408	\$302,278	\$309,148	\$316,018	\$322,888
Town of Innisfail	\$1,902,299	\$2,097,407	\$2,146,184	\$2,194,961	\$2,243,737	\$2,292,514
Town of Penhold	\$474,035	\$527,881	\$545,559	\$563,537	\$581,821	\$600,414
Red Deer County	\$1,224,085	\$1,373,180	\$1,429,656	\$1,487,714	\$1,547,393	\$1,608,734
Total Members	\$6,648,398	\$7,389,810	\$7,623,393	\$7,860,629	\$8,101,588	\$8,346,342
<u>Others</u>						
SRS Customers	\$98,187	\$108,257	\$110,775	\$113,292	\$115,810	\$118,328
Total Revenue from Rates	\$ 6,746,585	\$ 7,498,067	\$ 7,734,167	\$ 7,973,921	\$ 8,217,398	\$ 8,464,669

Table 6.5
South Red Deer Regional Wastewater System
2017 Financial Plan and Budget
Summary of Income Statement Items
Year 2016 - 2021

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	2016 Projected	2017 Budget	2018 Estimate	2019 Estimate	2020 Forecast	2021 Forecast
Cash Revenue						
Rates (From Table 6.4)	\$6,746,585	\$7,498,067	\$7,734,167	\$7,973,921	\$8,217,398	\$8,464,669
Members Contributions (T6.1)	\$110,200	\$0	\$0	\$0	\$0	\$0
Grants						
Other G and A Revenue	\$2,800	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000
Other O and M Revenue						
Drawn from Operating Reserves	\$0	\$0	\$0	\$0	\$0	\$0
Total Revenue	\$6,859,585	\$7,500,067	\$7,736,167	\$7,975,921	\$8,219,398	\$8,466,669
Cash Expenditures						
Governance and Administration (Table 6.1)	\$104,604	\$125,176	\$127,577	\$130,129	\$132,731	\$135,386
System O & M (Table 6.3)	\$4,966,303	\$5,610,346	\$5,829,814	\$6,070,779	\$6,308,443	\$6,556,643
Special Projects (Table 6.3)	\$0	\$50,000	\$0	\$0	\$0	\$0
Debenture Debt Payments (T 4.2)	\$863,249	\$866,014	\$866,014	\$866,014	\$866,014	\$866,014
Emergency O&M Reserves (T 6.3)	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000
Rate Stabilization Reserve (T6.3)	\$35,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
Capital Reserves (T 6.3)	\$825,000	\$659,000	\$709,000	\$709,000	\$709,000	\$709,000
Total Operating Fund Expense	\$6,894,156	\$7,460,535	\$7,682,405	\$7,925,922	\$8,166,188	\$8,417,043
Increase(decrease) In Operating Fund Balance (Unrestricted Surplus)	-\$34,571	\$39,532	\$53,762	\$49,999	\$53,210	\$49,627
Non Cash Expense						
Add:						
Reserve Contributions	\$960,000	\$809,000	\$859,000	\$859,000	\$859,000	\$859,000
Debt Prinicipal Payments	\$437,574	\$450,293	\$463,383	\$476,854	\$490,718	\$506,401
Less: Annual Amortization	-\$2,908,434	-\$2,908,434	-\$2,908,434	-\$2,908,434	-\$2,908,434	-\$2,908,434
Accrued Surplus (Deficit)	-\$1,545,431	-\$1,609,609	-\$1,532,289	-\$1,522,581	-\$1,505,507	-\$1,493,407

Table 6.6
South Red Deer Regional Wastewater System
2017 Financial Plan and Budget
Restricted and Unrestricted Surplus
Year 2016 - 2021

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	2016 Projected	2017 Budget	2018 Estimate	2019 Estimate	2020 Forecast	2021 Forecast
Operating Reserves						
<u>Rate Stabilization</u>						
Opening Balance	\$57,064	\$127,064	\$177,064	\$227,064	\$277,064	\$327,064
Addition from 2015	\$35,000					
Additions	\$35,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
(Withdrawals)						
Closing Balance	\$127,064	\$177,064	\$227,064	\$277,064	\$327,064	\$377,064
 <u>Policy 213.72</u>						
10% of Operating Expense	\$496,630	\$573,352	\$595,539	\$619,891	\$643,917	\$669,003
Cap	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000
 <u>Emergency Response, Operations and Maintenance</u>						
Opening Balance	\$278,980	\$438,980	\$538,980	\$638,980	\$738,980	\$838,980
Addition from 2015	\$60,000					
Additions	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000
(Withdrawals)						
Closing Balance	\$438,980	\$538,980	\$638,980	\$738,980	\$838,980	\$938,980
 <u>Policy 213.73</u>						
Balance = Major Environmental Incident	\$1,100,000	\$1,120,000	\$1,140,000	\$1,160,000	\$1,180,000	\$1,200,000
 Capital Reserve						
<u>General Capital</u>						
Opening Balance	\$856,700	\$754,952	\$879,952	\$1,104,952	\$1,329,952	\$2,004,952
Addition from 2015	\$475,800					
Additions	\$790,000	\$625,000	\$675,000	\$675,000	\$675,000	\$675,000
(Withdrawals)	-\$1,367,548	-\$500,000	-\$450,000	-\$450,000		
Closing Balance	\$754,952	\$879,952	\$1,104,952	\$1,329,952	\$2,004,952	\$2,679,952
 <u>SRS Capital</u>						
Opening Balance	\$0	\$69,000	\$103,000	\$137,000	\$171,000	\$205,000
Addition from 2015	\$34,000					
Additions	\$35,000	\$34,000	\$34,000	\$34,000	\$34,000	\$34,000
(Withdrawals)						
Closing Balance	\$69,000	\$103,000	\$137,000	\$171,000	\$205,000	\$239,000
 Unrestricted Net Assets (General Fund)						
Opening Balance	\$2,527,591	\$1,888,220	\$1,927,752	\$1,981,515	\$2,031,514	\$2,084,723
Restriction from 2015 *	-\$604,800					
Excess / (Deficiency)	-\$34,571	\$39,532	\$53,762	\$49,999	\$53,210	\$49,627
Closing Balance	\$1,888,220	\$1,927,752	\$1,981,515	\$2,031,514	\$2,084,723	\$2,134,350
Proportion of total Revenue	28%	26%	26%	25%	25%	25%

* One time restriction of previously unrestricted net assets for operating and capital purposes

Table 6.7
South Red Deer Regional Wastewater System
Summary of Municipal Contributions
Year 2016 - 2021

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	2016 Projected	2017 Budget	2018 Estimate	2019 Estimate	2020 Forecast	2021 Forecast
Mountain View County						
Governance and Administration	\$7,540	\$5,510	\$0	\$0	\$0	\$0
Wastewater Services	\$5,229	\$8,982	\$10,101	\$10,543	\$10,998	\$11,467
	\$12,769	\$14,492	\$10,101	\$10,543	\$10,998	\$11,467
Town of Olds						
Governance and Administration	\$45,241	\$33,060	\$0	\$0	\$0	\$0
Wastewater Services	\$2,000,411	\$2,771,069	\$3,085,834	\$3,189,174	\$3,294,271	\$3,401,152
	\$2,045,652	\$2,804,129	\$3,085,834	\$3,189,174	\$3,294,271	\$3,401,152
Town of Bowden						
Governance and Administration	\$22,620	\$16,530	\$0	\$0	\$0	\$0
Wastewater Services	\$211,867	\$267,928	\$295,408	\$302,278	\$309,148	\$316,018
	\$234,488	\$284,458	\$295,408	\$302,278	\$309,148	\$316,018
Town of Innisfail						
Governance and Administration	\$7,540	\$5,510	\$0	\$0	\$0	\$0
Wastewater Services	\$1,083,612	\$1,902,299	\$2,097,407	\$2,146,184	\$2,194,961	\$2,243,737
	\$1,091,152	\$1,907,809	\$2,097,407	\$2,146,184	\$2,194,961	\$2,243,737
Town of Penhold						
Governance and Administration	\$22,620	\$16,530	\$0	\$0	\$0	\$0
Wastewater Services	\$409,016	\$474,035	\$527,881	\$545,559	\$563,537	\$581,821
	\$431,636	\$490,565	\$527,881	\$545,559	\$563,537	\$581,821
Red Deer County						
Governance and Administration	\$45,241	\$33,060	\$0	\$0	\$0	\$0
Wastewater Services	\$1,099,064	\$1,224,085	\$1,373,180	\$1,429,656	\$1,487,714	\$1,547,393
	\$1,144,305	\$1,257,145	\$1,373,180	\$1,429,656	\$1,487,714	\$1,547,393

Table E1
South Red Deer Regional Wastewater Commission
2017 Financial Plan and Budget
Governance and Administration Revenue and Expense
2016 - 2021

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	2016 Projected	2017 Budget	2018 Estimate	2019 Estimate	2020 Forecast	2021 Forecast
			2%	2%	2%	2%
OPERATING REVENUE						
4551 Interest Income	\$2,800	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000
4549 Other Income	\$0	\$0	\$0	\$0	\$0	\$0
4359 Member Contributions	\$110,200	\$0	\$0	\$0	\$0	\$0
Total Revenue	\$113,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000
OPERATING EXPENSE						
Board						
5151 Board Honoraria	\$15,665	\$16,033	\$16,354	\$16,681	\$17,015	\$17,355
5152 Chair Honoraria	\$3,600	\$3,672	\$3,745	\$3,820	\$3,897	\$3,975
5210 Board Expenses	\$0	\$0				
5211 Travel		\$2,591	\$2,643	\$2,696	\$2,749	\$2,804
5212 Meals and Accommodation		\$1,700	\$1,734	\$1,769	\$1,804	\$1,840
5262 Meeting Room Rental		\$100				
Subtotal Board Expense	\$19,265	\$24,096	\$24,476	\$24,966	\$25,465	\$25,974
Administration Expenses						
5211 Travel	\$4,021	\$1,796	\$1,832	\$1,869	\$1,906	\$1,944
5212 Accommodation and Meals	\$950	\$500	\$510	\$520	\$531	\$541
5215 Postage & Courier	\$200	\$796	\$812	\$828	\$845	\$862
5216 Telephone	\$600	\$24	\$25	\$25	\$26	\$26
5217 Internet, Data Lines		\$0	\$0	\$0	\$0	\$0
5221 Advertising	\$1,500	\$2,000	\$2,040	\$2,081	\$2,122	\$2,165
5222 Membership Fees	\$205	\$210	\$214	\$218	\$223	\$227
5223 Licenses and Permits	\$0	\$845	\$862	\$879	\$897	\$915
5227 Insurance	\$3,000	\$1,371	\$1,398	\$1,426	\$1,454	\$1,483
5231 Accounting & Audit Services	\$13,091	\$15,600	\$15,912	\$16,230	\$16,555	\$16,886
5232 Legal Fees	\$0	\$5,000	\$5,100	\$5,202	\$5,306	\$5,412
5233 General Engineering	\$0	\$3,000	\$3,060	\$3,121	\$3,184	\$3,247
5234 CAO Contract	\$35,074	\$51,638	\$52,671	\$53,724	\$54,799	\$55,895
5362 MVRWSC - Financial Services	\$0	\$5,400	\$5,508	\$5,618	\$5,731	\$5,845
5238 Consulting Services	\$12,473	\$6,500	\$6,630	\$6,763	\$6,898	\$7,036
5262 Building Rental	\$1,475	\$250	\$255	\$260	\$265	\$271
5288 Other Technical Services		\$1,500	\$1,530	\$1,561	\$1,592	\$1,624
5363 MVRWSC - Office Facility		\$3,000	\$3,060	\$3,121	\$3,184	\$3,247
5514 Computer and Electronic Equip		\$750	\$765	\$780	\$796	\$812
5515 Office Supplies	\$900	\$500	\$510	\$520	\$531	\$541
5516 Office Tools & Equipment	\$0	\$200	\$204	\$208	\$212	\$216
5811 Bank Charges & Short Term Intere	\$100	\$200	\$204	\$208	\$212	\$216
Subtotal Administration	\$73,588	\$101,080	\$103,101	\$105,163	\$107,267	\$109,412

Table E1
South Red Deer Regional Wastewater Commission
2017 Financial Plan and Budget
Governance and Administration Revenue and Expense
2016 - 2021

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	2016 Projected	2017 Budget	2018 Estimate	2019 Estimate	2020 Forecast	2021 Forecast
			2%	2%	2%	2%
Prj 03 Admin Office Relocation	\$11,751					
Total Expense	\$104,604	\$125,176	\$127,577	\$130,129	\$132,731	\$135,386
Surplus (Deficit Recovered from Rates)	\$8,396	(\$123,176)	(\$125,577)	(\$128,129)	(\$130,731)	(\$133,386)
<u>Allocation of Municipal Contribution</u>						
4351 Olds	30%	\$33,060	\$0	\$0	\$0	\$0
4352 Bowden	5%	\$5,510	\$0	\$0	\$0	\$0
4353 Innisfail	30%	\$33,060	\$0	\$0	\$0	\$0
4354 Penhold	5%	\$5,510	\$0	\$0	\$0	\$0
4355 Mountain View County	15%	\$16,530	\$0	\$0	\$0	\$0
4356 Red Deer County	15%	\$16,530	\$0	\$0	\$0	\$0
Total Municipal Contribution		\$110,200	\$0	\$0	\$0	\$0

Table E2
South Red Deer Regional Wastewater Commission
2017 Financial Plan and Budget
2013 - 2018 Detailed Operating & Maintenance Expenses

[Index](#)

	2016 Projected	2017 Budget	2018 Estimate	2019 Estimate	2020 Forecast	2021 Forecast
Escalation Factors						
Inflationary Factor		2.0%	2.0%	2.0%	2.0%	2.0%
Volume Increase Factor		0.8%	0.8%	0.8%	0.8%	0.8%
Expenditures						
Volume Delivered to CRD WWTP	3,429,281	3,456,967	3,485,024	3,513,459	3,542,276	3,571,481
City or Red Deer Treatment Rate	\$0.9050	\$1.0502	\$1.0922	\$1.1359	\$1.1813	\$1.2286
Rate Increase		16%	4%	4%	4%	4%
Wastewater Treatment	\$3,142,581	\$3,630,405	\$3,806,265	\$3,990,813	\$4,184,486	\$4,387,746
True Up			\$0	\$0	\$0	\$0
Allowance for Off Specification Effluent		\$10,000	\$10,200	\$10,404	\$10,612	\$10,824
5351	\$3,142,581	\$3,640,405	\$3,816,465	\$4,001,217	\$4,195,098	\$4,398,570
Electric Power						
31 Waskasoo LS 1	\$48,514	\$11,459	\$11,820	\$12,402	\$12,702	\$13,010
32 Waskasoo LS 2		\$23,733	\$24,481	\$25,687	\$26,308	\$26,945
33 Waskasoo LS 3		\$27,454	\$28,318	\$29,714	\$30,432	\$31,169
41 Penhold Lift Station	\$141,008	\$168,489	\$173,795	\$182,359	\$186,769	\$191,290
42 Innisfail Lift Station	\$108,971	\$131,149	\$135,279	\$141,945	\$145,378	\$148,897
43 Bowden Lift Station	\$55,806	\$48,121	\$49,636	\$52,082	\$53,342	\$54,633
44 Olds Lift Station	\$70,044	\$63,446	\$65,444	\$68,669	\$70,330	\$72,032
46 Odor Management Facility	\$35,477	\$56,204	\$55,892	\$58,646	\$60,065	\$61,518
5541 Total Electric Power Utilities	\$459,819	\$530,055	\$544,665	\$571,505	\$585,326	\$599,493
5211 Mileage and Travel	\$1,200	\$500	\$510	\$520	\$531	\$541
5212 Accommodations and Meals	\$250	\$500	\$510	\$520	\$531	\$541
5215 Courier, Freight	\$1,500	\$1,500	\$1,530	\$1,561	\$1,592	\$1,624
5216 Telephone	\$25,000	\$12,858	\$13,115	\$13,377	\$13,645	\$13,918
5217 Internet, Data Lines	\$3,000	\$7,536	\$7,687	\$7,841	\$7,997	\$8,157
5223 Licenses and Permits	\$795	\$0	\$0	\$0	\$0	\$0
5224 Management, CAO	\$0	\$0	\$0	\$0	\$0	\$0
5227 Insurance	\$30,000	\$41,973	\$42,812	\$43,669	\$44,542	\$45,433
5232 Legal	\$5,000	\$0	\$0	\$0	\$0	\$0
5233 General Engineering	\$0	\$3,000	\$3,060	\$3,121	\$3,184	\$3,247
5234 Management, CAO	\$29,090	\$40,638	\$41,451	\$42,280	\$43,125	\$43,988
5362 MVRWSC - Financial Services	\$8,665	\$16,200	\$16,524	\$16,854	\$17,192	\$17,535
5238 Other Professional Services	\$20,450	\$0	\$0	\$0	\$0	\$0
5252 Building Maint / Repair	\$20,000	\$41,500	\$42,330	\$43,177	\$44,040	\$44,921
5253 Equipment Maint / Repair	\$80,000	\$182,135	\$185,778	\$189,493	\$193,283	\$197,149
5263 Equipment Rentals	\$0	\$2,500	\$2,550	\$2,601	\$2,653	\$2,706
5282 Wastewater Effluent Testing	\$15,000	\$9,400	\$9,588	\$9,780	\$9,975	\$10,175
5288 Other Technical Services	\$15,000	\$5,000	\$5,100	\$5,202	\$5,306	\$5,412
5361 MVRWSC - Operating Services	\$610,637	\$624,394	\$636,882	\$649,620	\$662,612	\$675,864
5514 Computer, Electronic Equipment	\$6,000	\$0	\$0	\$0	\$0	\$0
5517 Janitorial, Cleaning Supplies	\$1,000	\$200	\$204	\$208	\$212	\$216
5521 Fuel, Lubricants	\$9,000	\$10,200	\$10,404	\$10,612	\$10,824	\$11,041
5523 Repair and Maintenance Parts	\$6,000	\$10,000	\$10,200	\$10,404	\$10,612	\$10,824
5524 Consumables and Small Tools	\$2,000	\$10,000	\$10,200	\$10,404	\$10,612	\$10,824
5531 Odor Management Chemicals	\$450,000	\$352,563	\$359,614	\$366,807	\$374,143	\$381,626
5538 Other Chemicals	\$0	\$47,500	\$48,450	\$49,419	\$50,407	\$51,416
5542 Natural Gas	\$15,610	\$17,535	\$17,886	\$18,244	\$18,608	\$18,981
5543 Water / Sewer/ Garbage	\$2,524	\$2,254	\$2,299	\$2,345	\$2,392	\$2,440
5898 Suspense	\$6,182	\$0	\$0	\$0	\$0	\$0
5999 Emergency Operations	\$0	\$0	\$0	\$0	\$0	\$0
Total O & M Expenses	\$4,966,303	\$5,610,346	\$5,829,814	\$6,070,779	\$6,308,443	\$6,556,643