



**MISSOURI PUBLIC SERVICE COMMISSION**

**UTILITY SERVICES DEPARTMENT**

**SHAWNEE BEND SEWER**

**STAFF ACCOUNTING SCHEDULES**

**LAKE REGION WATER AND SEWER COMPANY**

**CASE NO. SR-2013-0459**

**Jefferson City, Missouri**

**REVISED February 2014**

Lake Region Water and Sewer Company  
Shawnee Bend Sewer  
SR-2013-0459 - Revised 2/3/14  
Test Year Ending 06/30/2013  
Rate Design Schedule - Sewer

A		B	C	D	E	F
Line Number	Description	Account Number (Optional)	Staff Annualized	Customer Charge	Commodity	Percentage Rate
Rev-1	ANNUALIZED REVENUES					
Rev-2	Annualized Rate Revenues		(1) \$294,062			
Rev-3	Miscellaneous Revenues		(1) \$139,704			
Rev-4	TOTAL ANNUALIZED REVENUES		\$433,766			
1	OPERATIONS EXPENSES		(2)			
2	Sludge Removal	711.200	3530	\$0	\$3,530	0
3	Power for Treatment Plants - Other	715.000	\$0	\$0	\$0	0.00%
4	Power for Treatment Plants - SB Only	715.200	\$12,963	\$0	\$12,963	0.00%
5	Power for Liftstations - SB	716.200	\$19,106	\$0	\$19,106	0.00%
6	Chemicals	718.200	\$8,529	\$0	\$8,529	0.00%
7	Effluent Testing Expenses - SB	719.200	\$3,339	\$0	\$3,339	0.00%
8	Sewer Operating Expense	721.200	\$3,257	\$0	\$3,257	0.00%
9	PWSD#4 Labor	737.200	\$81,867	\$0	\$81,867	0.00%
10	TOTAL OPERATIONS EXPENSE		\$132,591	\$0	\$132,591	
11	MAINTENANCE EXPENSES					
12	Sewer Supplies	720.200	\$3,102	\$0	\$3,102	0.00%
13	Tools and Shop Supplies	722.200	\$516	\$0	\$516	0.00%
14	Contractual Services - Other	730.000	\$0	\$0	\$0	0.00%
15	Equipment Rental - Other	742.000	\$6,007	\$0	\$6,007	0.00%
16	Equipment Maintenance	745.950	\$2,245	\$0	\$2,245	0.00%
17	Outside Services Employed	923.000	\$709	\$0	\$709	0.00%
18	TOTAL MAINTENANCE EXPENSE		\$12,579	\$0	\$12,579	
19	CUSTOMER ACCOUNT EXPENSE					
20	Billing Expense	921.500	\$1,874	\$0	\$1,874	0.00%
21	Bad Debt Expense	950.000	\$552	\$0	\$552	0.00%
22	TOTAL CUSTOMER ACCOUNT EXPENSE		\$2,426	\$0	\$2,426	
23	ADMINISTRATIVE & GENERAL EXPENSES					
24	Accounting Fees	732.200	\$4,332	\$0	\$4,332	0.00%
25	Contracted Legal Fees	733.200	\$597	\$0	\$597	0.00%
26	General Liability - Sewer	757.200	\$3,554	\$0	\$3,554	0.00%
27	Office Supplies	921.000	\$1,954	\$0	\$1,954	0.00%
28	Management Fees	922.000	\$11,373	\$0	\$11,373	0.00%
29	Telephone	925.000	\$590	\$0	\$590	0.00%
30	Travel and Entertainment - Other	927.000	\$88	\$0	\$88	0.00%
31	Travel and Entertainment - Lodging	927.100	\$0	\$0	\$0	0.00%
32	Transportation - Airline/Car	927.200	\$0	\$0	\$0	0.00%
33	Transportation Expense	933.000	\$13,618	\$0	\$13,618	0.00%
34	Customer Refunds	940.000	\$40	\$0	\$40	0.00%
35	Building Rental	941.000	\$5,025	\$0	\$5,025	0.00%
36	Other Misc. Expenses	975.000	\$558	\$0	\$558	0.00%
37	Rate Case Expense	981.000	\$1,396	\$0	\$1,396	0.00%
38	TOTAL ADMINISTRATIVE AND GENERAL		\$43,125	\$0	\$43,125	
39	OTHER OPERATING EXPENSES					
40	PSC Assessment	767.500	\$30,975	\$0	\$30,975	0.00%
41	Licenses and Permits	779.200	\$750	\$0	\$750	0.00%
42	Discounts Taken	929.000	-\$15	\$0	-\$15	0.00%
43	Loss on Disposition of Assets	930.000	-\$1,012	\$0	-\$1,012	0.00%
44	Amortization of SB Development Legal Fees		\$1,549	\$0	\$1,549	0.00%
45	CIAC Amortization Expense		-\$75,839	\$0	-\$75,839	0.00%
46	Depreciation		\$129,784	\$0	\$129,784	0.00%
47	TOTAL OTHER OPERATING EXPENSES		\$86,192	\$0	\$86,192	
48	TAXES OTHER THAN INCOME					
49	Real Estate Taxes	967.200	\$1,520	\$0	\$1,520	0.00%
50	TOTAL TAXES OTHER THAN INCOME		\$1,520	\$0	\$1,520	
51	TOTAL OPERATING EXPENSES		\$278,433	\$0	\$278,433	

Lake Region Water and Sewer Company  
Shawnee Bend Sewer  
SR-2013-0459 - Revised 2/3/14  
Test Year Ending 06/30/2013  
Rate Design Schedule - Sewer

Line Number	A Description	B Account Number (Optional)	C Staff Annualized	D Customer Charge	E Commodity	F Percentage Rate
52	Interest Expense	(3)	\$7,053	\$0	\$7,053	0.00%
53	Return on Equity	(3)	\$6,532	\$0	\$6,532	0.00%
54	Income Taxes	(3)	\$1,627	\$0	\$1,627	0.00%
55	TOTAL INTEREST RETURN & TAXES		\$15,212	\$0	\$15,212	
56	TOTAL COST OF SERVICE		\$293,645	\$0	\$293,645	
57	Less: Miscellaneous Revenues		\$139,704	\$0	\$139,704	0.00%
58	COST TO RECOVER IN RATES		\$153,941	\$0	\$153,941	
59	INCREMENTAL INCREASE IN RATE REVENUES		<u>-\$140,121</u>			
60	PERCENTAGE OF INCREASE		<u>-32.30%</u>			
61	REQUESTED INCREASE IN REVENUES		\$1,673			

- (1) From Revenue Schedule  
(2) From Expense Schedule  
(3) From PreTax Rate of Return Schedule, Rate Base & Return Schedule

Lake Region Water and Sewer Company  
 Shawnee Bend Sewer  
 SR-2013-0459 - Revised 2/3/14  
 Test Year Ending 06/30/2013  
 Rate Base Required Return on Investment Schedule - Sewer

Line Number	<u>A</u> Rate Base Description	<u>B</u> Dollar Amount
1	Plant In Service	\$4,193,119 From Plant Schedule
2	Less Accumulated Depreciation Reserve	<u>\$1,328,258</u> From Depreciation Reserve Schedule
3	Net Plant In Service	\$2,864,862
4	Other Rate Base Items:	\$0
	Deffered Taxes	-\$38,822
	Customer Advances	-\$163,950
	Material and Supplies	\$12,142
	Contribution of Aid of Construction	-\$3,460,325
	CIAC Depreciation	\$974,172
5	Total Rate Base	<u>\$188,079</u>
6	Total Weighted Rate of Return Including Income Tax	<u>8.09%</u> From PreTax Return & Taxes Schedule
7	Required Return & Income Tax	<u><u>\$15,212</u></u>

Lake Region Water and Sewer Company  
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Test Year Ending 06/30/2013  
Rate of Return Including Income Tax - Sewer

	A	B	formulas
1 State Income Tax Rate Statutory / Effective	6.25% (2)	5.81%	(1 - (B2 x .5)) x A1
2 Federal Income Tax Rate Statutory / Effective	15.00% (1) & (2)	14.13%	(1 - B1) x A2
3 Composite Effective Income Tax Rate		19.94%	B1 + B2
4 Equity Tax Factor		1.2490	1 / (1-B3)
5 Recommended Weighted Rate of Return on Equity - Common and Preferred		3.47%	From Capital Structure Schedule
6 Weighted Rate of Return on Equity Including Income Tax		4.34%	B4 x B5
7 Recommended Weighted Rate of Return on Debt - Long-Term and Short-Term		3.75%	From Capital Structure Schedule
8 Total Weighted Rate of Return Including Income Tax		8.09%	B6+B7

(1) If Sub-Chapter S Corporation, Enter Y:  To Rate Base Schedule

Equity Income Required **\$7,685**  
& Preliminary Federal Tax

Tax Rate Table

Net Income Range				
Start	End	Tax Rate	Amount in Range	Tax on Range
\$0	\$50,000	15.00%	\$7,685	\$1,153
\$50,001	\$75,000	25.00%	\$0	\$0
\$75,001	\$100,000	34.00%	\$0	\$0
\$100,001	\$335,000	39.00%	\$0	\$0
\$335,001	\$9,999,999,999	34.00%	\$0	\$0
			<u>\$7,685</u>	<u>\$1,153</u>
			Consolidated Tax Rate:	
			Average Tax Rate:	0.15

Lake Region Water and Sewer Company  
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Capital Structure Schedule - Sewer

<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>	<u>E</u>
Line Number	Description	Dollar Amount	Percentage of Total Capital Structure	Embedded Cost of Capital
1	Common Stock	\$658,892	25.00%	13.89%
2	Other Security-Non Tax Deductible	\$0	0.00%	0.00%
3	Preferred Stock	\$0	0.00%	0.00%
4	Long Term Debt	\$1,976,675	75.00%	5.00%
5	Short Term Debt	\$0	0.00%	0.00%
6	Other Security-Tax Deductible	\$0	0.00%	0.00%
7	TOTAL CAPITALIZATION	<u>\$2,635,567</u>	<u>100.00%</u>	<u>7.223%</u>

To PreTax Return Rate Schedule

Lake Region Water and Sewer Company  
Shawnee Bend Sewer  
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Test Year Ending 06/30/2013  
Plant In Service - Sewer

Line Number	A Account # (Optional)	B Plant Account Description	C Total Plant	D Adjustment Number	E Adjustments	F Jurisdictional Allocation	G Adjusted Jurisdictional
1		INTANGIBLE PLANT					
2	301.000	Organization	\$22,970			72.23%	\$16,591
3		TOTAL INTANGIBLE PLANT	\$22,970		\$0		\$16,591
4		SOURCE OF SUPPLY PLANT					
5	350.000	Land & Land Rights	\$5,985			72.23%	\$4,323
6		TOTAL SOURCE OF SUPPLY PLANT	\$5,985		\$0		\$4,323
7		COLLECTION PLANT					
8	352.120	Collection Sewers - Force - SB	\$2,777,585	P-8	\$55,935	100.00%	\$2,833,520
9	353.200	Services to Customers SB	\$129,981	P-9	\$49,477	100.00%	\$179,458
10	354.200	Flow Measuring Devices SB	\$0	P-10	\$5,993	100.00%	\$5,993
11		TOTAL COLLECTION PLANT	\$2,907,566		\$111,405		\$3,018,971
12		PUMPING PLANT					
13	362.200	Receiving Wells and Pump Pits SB	\$258,043	P-13	-\$8,470	100.00%	\$249,573
14	363.200	Pumping Equipment SB	\$18,206	P-14	\$243,737	100.00%	\$261,943
15		TOTAL PUMPING PLANT	\$276,249		\$235,267		\$511,516
16		TREATMENT & DISPOSAL PLANT					
17	372.200	Treatment and Disposal Equipment - SB	\$576,742			100.00%	\$576,742
18		TOTAL TREATMENT & DISPOSAL PLANT	\$576,742		\$0		\$576,742
19		GENERAL PLANT					
20	391.000	Office Furniture and Equipment	\$11,172			41.33%	\$4,617
21	391.100	Office Electronic Equipment	\$14,917			41.33%	\$6,165
22	392.000	Transportation Equipment - GP	\$10,579			72.23%	\$7,641
23	392.100	Transportation Equipment - Pump Truck	\$36,520			72.23%	\$26,378
24	392.200	Transportation Equipment - Sierra Truck	\$19,703			41.33%	\$8,143
25	394.000	Tools, Shop and Garage Equipment	\$6,727			41.33%	\$2,780
26	395.000	Laboratory Equipment	\$1,284			72.23%	\$927
27	396.000	Power Operated Equipment - Company Owned	\$11,523			72.23%	\$8,323
28		TOTAL GENERAL PLANT	\$112,425		\$0		\$64,976
29		TOTAL PLANT IN SERVICE	\$3,901,937		\$346,672		\$4,193,119

To Rate Base & Depreciation Schedules

Lake Region Water and Sewer Company  
Shawnee Bend Sewer  
SR-2013-0459 - Revised 2/3/14  
Test Year Ending 06/30/2013  
Schedule of Adjustments for Plant in Service - Sewer

<u>A</u> Plant Adjustment Number	<u>B</u> Plant In Service Adjustment Description	<u>C</u> Account Number	<u>D</u> Adjustment Amount	<u>E</u> Total Adjustment
P-8	Collection Sewers - Force - SB	352.120		\$55,935
	1 - Transfer (Reclass) plant recorded as Horseshoe Bend "Plant Sewers" in previous case. A. Rice		\$38,535	
	2 - Reverse original cost, Villages 12/31/2000. A. Rice		-\$5,400	
	3 - Reverse original cost, Villages 12/31/2001. A. Rice		-\$1,500	
	4 - Reverse original cost, Villages 12/31/2001. A. Rice		-\$4,650	
	5 - Sewer line upgrade, Villages lawsuit determined original cost. A. Rice		\$28,950	
P-9	Services to Customers SB	353.200		\$49,477
	1 - Update plant balance from previous case. A. Rice		\$42,330	
	2 - Adjust inventory to actual. A. Rice		\$4,447	
	3 - Capitalize labor from previous case. A. Rice		\$2,700	
P-10	Flow Measuring Devices SB	354.200		\$5,993
	1 - Transfer plant improperly booked from Horseshoe Bend Sewer Acct. 354.10. A. Rice		\$5,993	
P-13	Receiving Wells and Pump Pits SB	362.200		-\$8,470
	1 - Transfer plant improperly booked to Shawnee Bend Sewer. Transfer to HB Pumping Equip. Acct. 363.10. A. Rice		-\$2,383	

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Schedule of Adjustments for Plant in Service - Sewer

<u>A</u> Plant Adjustment Number	<u>B</u> Plant In Service Adjustment Description	<u>C</u> Account Number	<u>D</u> Adjustment Amount	<u>E</u> Total Adjustment
	2 - Transfer to SB Pumping Equip. Acct. 363.00. A. Rice		-\$6,087	
P-14	Pumping Equipment SB	363.200		\$243,737
	1 - Capitalize pumps and control panels from previous case 12/31/2009. A. Rice		\$4,164	
	2 - Lift station pump retirement (Prior to 3/31/2010). A. Rice		-\$6,514	
	3 - Transfer from SB Receiving Wells Acct. 362.20. A. Rice		\$6,087	
	4 - Transfer (reclass) from account 363.10 HB Pumping Equip. to SB. A. Rice		\$240,000	
Total Plant Adjustments				<u><u>\$346,672</u></u>

Lake Region Water and Sewer Company  
Shawnee Bend Sewer  
SR-2013-0459 - Revised 2/3/14  
Test Year Ending 06/30/2013  
Depreciation Expense - Sewer

Line Number	A Account Number	B Plant Account Description	C Adjusted Jurisdictional	D Depreciation Rate	E Depreciation Expense
1		INTANGIBLE PLANT			
2	301.000	Organization	<u>\$16,591</u>	0.00%	<u>\$0</u>
3		TOTAL INTANGIBLE PLANT	<u>\$16,591</u>		<u>\$0</u>
4		SOURCE OF SUPPLY PLANT			
5	350.000	Land & Land Rights	<u>\$4,323</u>	0.00%	<u>\$0</u>
6		TOTAL SOURCE OF SUPPLY PLANT	<u>\$4,323</u>		<u>\$0</u>
7		COLLECTION PLANT			
8	352.120	Collection Sewers - Force - SB	\$2,833,520	2.00%	\$56,670
9	353.200	Services to Customers SB	\$179,458	2.00%	\$3,589
10	354.200	Flow Measuring Devices SB	<u>\$5,993</u>	3.30%	<u>\$198</u>
11		TOTAL COLLECTION PLANT	<u>\$3,018,971</u>		<u>\$60,457</u>
12		PUMPING PLANT			
13	362.200	Receiving Wells and Pump Pits SB	\$249,573	4.00%	\$9,983
14	363.200	Pumping Equipment SB	<u>\$261,943</u>	10.00%	<u>\$26,194</u>
15		TOTAL PUMPING PLANT	<u>\$511,516</u>		<u>\$36,177</u>
16		TREATMENT & DISPOSAL PLANT			
17	372.200	Treatment and Disposal Equipment - SB	<u>\$576,742</u>	5.00%	<u>\$28,837</u>
18		TOTAL TREATMENT & DISPOSAL PLANT	<u>\$576,742</u>		<u>\$28,837</u>
19		GENERAL PLANT			
20	391.000	Office Furniture and Equipment	\$4,617	5.00%	\$231
21	391.100	Office Electronic Equipment	\$6,165	14.30%	\$882
22	392.000	Transportation Equipment - GP	\$7,641	0.00%	\$0
23	392.100	Transportation Equipment - Pump Truck	\$26,378	5.30%	\$1,398
24	392.200	Transportation Equipment - Sierra Truck	\$8,143	13.00%	\$1,059
25	394.000	Tools, Shop and Garage Equipment	\$2,780	5.00%	\$139
26	395.000	Laboratory Equipment	\$927	5.00%	\$46
27	396.000	Power Operated Equipment - Company Owned	\$8,323	6.70%	\$558
28		TOTAL GENERAL PLANT	<u>\$64,976</u>		<u>\$4,313</u>
29		Total Depreciation	<u><u>\$4,193,119</u></u>		<u><u>\$129,784</u></u>

Lake Region Water and Sewer Company  
Shawnee Bend Sewer  
SR-2013-0459 - Revised 2/3/14  
Test Year Ending 06/30/2013  
Accumulated Depreciation Reserve - Sewer

Line Number	A Account Number	B Depreciation Reserve Description	C Total Reserve	D Adjustment Number	E Adjustments	F Jurisdictional Allocation	G Adjusted Jurisdictional
1		INTANGIBLE PLANT					
2	301.000	Organization	\$0			100.00%	\$0
3		TOTAL INTANGIBLE PLANT	\$0		\$0		\$0
4		SOURCE OF SUPPLY PLANT					
5	350.000	Land & Land Rights	\$0			100.00%	\$0
6		TOTAL SOURCE OF SUPPLY PLANT	\$0		\$0		\$0
7		COLLECTION PLANT					
8	352.120	Collection Sewers - Force - SB	\$583,622	R-8	\$9,537	100.00%	\$593,159
9	353.200	Services to Customers SB	\$17,407			100.00%	\$17,407
10	354.200	Flow Measuring Devices SB	\$0	R-10	\$2,373	100.00%	\$2,373
11		TOTAL COLLECTION PLANT	\$601,029		\$11,910		\$612,939
12		PUMPING PLANT					
13	362.200	Receiving Wells and Pump Pits SB	\$147,130	R-13	-\$4,442	100.00%	\$142,688
14	363.200	Pumping Equipment SB	\$16,340	R-14	\$178,180	100.00%	\$194,520
15		TOTAL PUMPING PLANT	\$163,470		\$173,738		\$337,208
16		TREATMENT & DISPOSAL PLANT					
17	372.200	Treatment and Disposal Equipment - SB	\$195,081	R-17	\$125,000	100.00%	\$320,081
18		TOTAL TREATMENT & DISPOSAL PLANT	\$195,081		\$125,000		\$320,081
19		GENERAL PLANT					
20	391.000	Office Furniture and Equipment	\$7,453			41.33%	\$3,080
21	391.100	Office Electronic Equipment	\$6,894			41.33%	\$2,849
22	392.000	Transportation Equipment - GP	\$30,006			72.23%	\$21,673
23	392.100	Transportation Equipment - Pump Truck	\$26,076			72.23%	\$18,835
24	392.200	Transportation Equipment - Sierra Truck	\$10,664			41.33%	\$4,407
25	394.000	Tools, Shop and Garage Equipment	\$4,336			41.33%	\$1,792
26	395.000	Laboratory Equipment	\$886			72.23%	\$640
27	396.000	Power Operated Equipment - Company Owned	\$6,580			72.23%	\$4,753
28		TOTAL GENERAL PLANT	\$92,895		\$0		\$58,030
29		TOTAL DEPRECIATION RESERVE	\$1,052,475		\$310,648		\$1,328,258

To Rate Base Schedule

Lake Region Water and Sewer Company  
Shawnee Bend Sewer  
SR-2013-0459 - Revised 2/3/14  
Test Year Ending 06/30/2013  
Schedule of Adjustments for Accumulated Depreciation Reserve - Sewer

<u>A</u> Reserve Adjustment Number	<u>B</u> Accumulated Depreciation Reserve Adjustments Description	<u>C</u> Account Number	<u>D</u> Adjustment Amount	<u>E</u> Total Adjustment Amount
R-8	Collection Sewers - Force - SB	352.120		\$9,537
	1 - Transfer (reclass) of \$38,535 plant recorded as Horseshoe Bend "Plant Sewers" in previous case. A. Rice		\$9,537	
R-10	Flow Measuring Devices SB	354.200		\$2,373
	1 - Transfer of \$5,993 plant improperly booked to Horseshoe Bend Sewer. A. Rice		\$2,373	
R-13	Receiving Wells and Pump Pits SB	362.200		-\$4,442
	1 - Transfer to Horseshoe Bend Sewer of \$2,383 of plant improperly booked to Shawnee Bend Sewer. Transfer to Acct. 363.10. A. Rice		-\$1,262	
	2 - Transfer of \$6,087 of plant to SB Pumping Acct. 363.20. A. Rice		-\$3,180	
R-14	Pumping Equipment SB	363.200		\$178,180
	1 - Transfer from SB Receiving Wells Acct. 362.20. A. Rice		\$3,180	
	2 - Transfer (reclass) from Acct. 363.10 HB to SB. Accrued reserves associated with the \$240,000 Pumping Plant transfer from HB to SB. A. Rice		\$300,000	
	3 - Pumping Equip. is over accrued. Reserve rebalance with under accrued Treatment & Disposal Equip. Acct. 372.20. A. Rice		-\$125,000	
R-17	Treatment and Disposal Equipment - SB	372.200		\$125,000

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 Schedule of Adjustments for Accumulated Depreciation Reserve - Sewer

<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>	<u>E</u>
Reserve Adjustment Number	Accumulated Depreciation Reserve Adjustments Description	Account Number	Adjustment Amount	Total Adjustment Amount
	1 - Treatment and Disposal Equip. is under accrued. Reserve rebalance with over accrued Pumping Equip. Acct. 363.20. A. Rice		\$125,000	
Total Reserve Adjustments				<u><u>\$310,648</u></u>

Lake Region Water and Sewer Company  
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Test Year Ending 06/30/2013  
Revenue Schedule - Sewer

	A	B	C	D	E	F	G
Line Number	Account Number (Optional)	Revenue Description	Company/ Test Year Amount	Adjustment Number	Jurisdictional Adjustments	Jurisdictional Allocation	Adjusted Jurisdictional
Rev-1		ANNUALIZED REVENUES					
Rev-2		Annualized Rate Revenues	\$283,160	Rev-2	\$10,902	100.00%	\$294,062
Rev-3		Miscellaneous Revenues	-\$260	Rev-3	\$139,964	100.00%	\$139,704
Rev-4		TOTAL ANNUALIZED REVENUES	\$282,900		\$150,866		\$433,766

Lake Region Water and Sewer Company  
Shawnee Bend Sewer  
SR-2013-0459 - Revised 2/3/14  
Test Year Ending 06/30/2013  
Revenue Adjustment Schedule - Sewer

<u>A</u> Revenue Adj Number	<u>B</u> Adjustment Description	<u>C</u> Account Number	<u>D</u> Adjustment Amount	<u>E</u> Total Adjustment
Rev-2	Annualized Rate Revenues			\$10,902
	1. To Annualize Rate Revenues		\$10,902	
	2. Description		\$0	
	3. Description		\$0	
Rev-3	Miscellaneous Revenues			\$139,964
	1. To Annualize Miscellaneous Revenues		\$139,964	
	2. Description		\$0	
Total Revenue Adjustments				<u>\$150,866</u>

Lake Region Water and Sewer Company  
Shawnee Bend Sewer  
SR-2013-0459 - Revised 2/3/14  
Test Year Ending 06/30/2013  
Revenue Summary Schedule - Sewer

Line Number	A Description	Residential Sewer		Commercial Sewer	
		B Amount	C Amount	D Amount	E Amount
1	<u>Customer Charge Revenues:</u>				
2	Customer Number	620		12	
3	Bills Per Year	12		12	
4	Customer Bills Per year	7,440		144	
5	Current Customer Charge	<u>\$36.19</u>		<u>\$36.19</u>	
6	Annualized Customer Charge Revenues		\$269,254		\$5,211
7	<u>Commodity Charge Revenues:</u>				
8	Total Gallons Sold	0		3,806,260	
9	Less: Base Gallons Included In Customer Charge	<u>0</u>		<u>556,372</u>	
10	Commodity Gallons	0		3,249,888	
11	Block 1, Commodity Gallons per Block	0		3,249,888	
12	Block 1, Number of Commodity Gallons per Unit	<u>0</u>		<u>1,000</u>	
13	Block 1, Commodity Billing Units	0.00		3,249.89	
14	Block 1, Existing Commodity Charge	<u>\$0.00</u>		<u>\$6.03</u>	
15	Block 1, Annualized Commodity Charge Rev.		\$0		\$19,597
16	<b>Total Annualized Sewer Rate Revenues</b>		<u><b>\$269,254</b></u>		<u><b>\$24,808</b></u>

Commodity Billing Units are based on the number of commodity gallons applicable to each block, divided by the tariff usage rate gallons (e.g. for tariff rate of \$2.50 per 1,000 gallons of usage, the commodity gallons for that rate would be divided by 1,000 to arrive at the number of commodity billing units

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Revenue Summary Schedule - Sewer

Line Number	A Description	Total	
		F Amount	G Amount
1	<u>Customer Charge Revenues:</u>		
2	Customer Number	632	
3	Bills Per Year		
4	Customer Bills Per year	7,584	
5	Current Customer Charge		
6	Annualized Customer Charge Revenues		\$274,465
7	<u>Commodity Charge Revenues:</u>		
8	Total Gallons Sold	3,806,260	
9	Less: Base Gallons Included In Customer Charge	556,372	
10	Commodity Gallons	3,249,888	
11	Block 1, Commodity Gallons per Block		
12	Block 1, Number of Commodity Gallons per Unit		
13	Block 1, Commodity Billing Units		
14	Block 1, Existing Commodity Charge		
15	Block 1, Annualized Commodity Charge Rev.		\$19,597
16	<b>Total Annualized Sewer Rate Revenues</b>		<b><u>\$294,062</u></b>

Commodity Billing Units are based on the number of commodity gallons applicable to each block, divided by the tariff usage rate gallons (e.g. for tariff rate of \$2.50 per 1,000 gallons of usage, the commodity gallons for that rate would be divided by 1,000 to arrive at the number of commodity billing units

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**Miscellaneous Revenues Feeder - Sewer**

<u>A</u>		<u>B</u>
Line Number	Description	Amount
1	To remove clearing account 536	\$0
2	To include Availability Fees	<u>\$139,704</u>
3	Total Miscellaneous Revenues	<u><u>\$139,704</u></u>

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Expense Schedule - Sewer

Line Number	A Account Number (Optional)	B Expense Description	C Company/ Test Year Amount	D Adjustment Number	E Adjustments	F Jurisdictional Allocation	G Adjusted Jurisdictional
1		OPERATIONS EXPENSES					
2	711.200	Sludge Removal	\$3,530			100.00%	\$3,530
3	715.000	Power for Treatment Plants - Other	\$155	S-3	-\$155	100.00%	\$0
4	715.200	Power for Treatment Plants - SB Only	\$13,095	S-4	-\$132	100.00%	\$12,963
5	716.200	Power for Liftstations - SB	\$20,765	S-5	-\$1,659	100.00%	\$19,106
6	718.200	Chemicals	\$8,529			100.00%	\$8,529
7	719.200	Effluent Testing Expenses - SB	\$2,685	S-7	\$654	100.00%	\$3,339
8	721.200	Sewer Operating Expense	\$3,487	S-8	-\$230	100.00%	\$3,257
9	737.200	PWSD#4 Labor	\$73,577	S-9	\$8,290	100.00%	\$81,867
10		TOTAL OPERATIONS EXPENSE	\$125,823		\$6,768		\$132,591
11		MAINTENANCE EXPENSES					
12	720.200	Sewer Supplies	\$3,967	S-12	-\$865	100.00%	\$3,102
13	722.200	Tools and Shop Supplies	\$319	S-13	\$197	100.00%	\$516
14	730.000	Contractual Services - Other	\$9,750	S-14	-\$9,750	66.37%	\$0
15	742.000	Equipment Rental - Other	\$13,647	S-15	\$2,133	38.07%	\$6,007
16	745.950	Equipment Maintenance	-\$277	S-16	\$2,522	100.00%	\$2,245
17	923.000	Outside Services Employed	\$1,407			50.42%	\$709
18		TOTAL MAINTENANCE EXPENSE	\$28,813		-\$5,763		\$12,579
19		CUSTOMER ACCOUNT EXPENSE					
20	921.500	Billing Expense	\$4,889	S-20	-\$352	41.30%	\$1,874
21	950.000	Bad Debt Expense	\$2,205	S-21	-\$396	30.51%	\$552
22		TOTAL CUSTOMER ACCOUNT EXPENSE	\$7,094		-\$748		\$2,426
23		ADMINISTRATIVE & GENERAL EXPENSES					
24	732.200	Accounting Fees	\$3,805	S-24	\$527	100.00%	\$4,332
25	733.200	Contracted Legal Fees	\$9,373	S-25	-\$8,776	100.00%	\$597
26	757.200	General Liability - Sewer	\$2,480	S-26	\$1,074	100.00%	\$3,554
27	921.000	Office Supplies	\$12,969	S-27	-\$8,237	41.30%	\$1,954
28	922.000	Management Fees	\$211,000	S-28	-\$181,125	38.07%	\$11,373
29	925.000	Telephone	\$3,694	S-29	-\$1,759	30.51%	\$590
30	927.000	Travel and Entertainment - Other	\$17,516	S-30	-\$17,229	30.51%	\$88
31	927.100	Travel and Entertainment - Lodging	\$85	S-31	-\$85	30.51%	\$0
32	927.200	Transportation - Airline/Car	\$227	S-32	-\$227	30.51%	\$0
33	933.000	Transportation Expense	\$46,778	S-33	-\$2,142	30.51%	\$13,618
34	940.000	Customer Refunds	\$96			41.30%	\$40
35	941.000	Building Rental	\$13,200			38.07%	\$5,025
36	975.000	Other Misc. Expenses	\$4,516	S-36	-\$2,687	30.51%	\$558
37	981.000	Rate Case Expense	\$322	S-37	\$1,074	100.00%	\$1,396
38		TOTAL ADMINISTRATIVE AND GENERAL	\$326,061		-\$219,592		\$43,125
39		OTHER OPERATING EXPENSES					
40	767.500	PSC Assessment	\$19,870	S-40	\$11,105	100.00%	\$30,975
41	779.200	Licenses and Permits	\$1,500	S-41	-\$750	100.00%	\$750
42	929.000	Discounts Taken	-\$49			30.51%	-\$15
43	930.000	Loss on Disposition of Assets	-\$2,520			40.16%	-\$1,012
44		Amortization of SB Development Legal Fees	\$0	S-44	\$1,549	100.00%	\$1,549
45		CIAC Amortization Expense	\$0	S-45	-\$75,839	100.00%	-\$75,839
46		Depreciation	\$0	S-46	\$129,784	100.00%	\$129,784
47		TOTAL OTHER OPERATING EXPENSES	\$18,801		\$65,849		\$86,192
48		TAXES OTHER THAN INCOME					
49	967.200	Real Estate Taxes	\$4,025	S-49	-\$239	40.16%	\$1,520
50		TOTAL TAXES OTHER THAN INCOME	\$4,025		-\$239		\$1,520
51		TOTAL OPERATING EXPENSES	\$510,617		-\$153,725		\$278,433

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<u>A</u> Expense Adj Number	<u>B</u> Adjustment Description	<u>C</u> Account Number	<u>D</u> Adjustment Amount	<u>E</u> Total Adjustment
<b>S-3</b>	<b>Power for Treatment Plants - Other</b>	<b>715.000</b>		<b>-\$155</b>
	1 - To remove Ozark Shores expenses - A. Sarver		-\$29	
	2 - To remove amounts booked to incorrect accounts. A. Sarver		-\$126	
<b>S-4</b>	<b>Power for Treatment Plants - SB Only</b>	<b>715.200</b>		<b>-\$132</b>
	1 - To remove account no longer in service. A. Sarver		-\$132	
<b>S-5</b>	<b>Power for Liftstations - SB</b>	<b>716.200</b>		<b>-\$1,659</b>
	1 - To annualize power to reflect rate increase. A. Sarver		\$76	
	2 - To remove amounts booked to incorrect account. A. Sarver		-\$23	
	3 - To remove Ozark Shores expenses. A. Sarver		-\$15	
	4 - To remove amounts booked to incorrect account, transfer to Well Pump Power Acct. 615.20. A. Sarver		-\$1,697	
<b>S-7</b>	<b>Effluent Testing Expenses - SB</b>	<b>719.200</b>		<b>\$654</b>
	1 - To add amounts booked to incorrect accounts. A. Sarver		\$654	
<b>S-8</b>	<b>Sewer Operating Expense</b>	<b>721.200</b>		<b>-\$230</b>
	1 - To normalize sewer operating expense. K. Bolin		-\$230	
<b>S-9</b>	<b>PWSD#4 Labor</b>	<b>737.200</b>		<b>\$8,290</b>
	1 - To annualize payroll, employee benefits, payroll taxes, and workers' compensation. K. Foster		\$8,290	

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<u>A</u> Expense Adj Number	<u>B</u> Adjustment Description	<u>C</u> Account Number	<u>D</u> Adjustment Amount	<u>E</u> Total Adjustment
S-12	Sewer Supplies	720.200		-\$865
	1 - To remove items not necessary to provide safe and adequate service. A. Sarver		-\$12	
	2 - To remove amounts booked to incorrect account. A. Sarver		-\$853	
S-13	Tools and Shop Supplies	722.200		\$197
	1 - To add amount booked to incorrect account. A. Sarver		\$197	
S-14	Contractual Services - Other	730.000		-\$9,750
	1 - To remove expenses associated with plant projects that were not completed. K. Bolin		-\$9,750	
S-15	Equipment Rental - Other	742.000		\$2,133
	1 - To adjust equipment rental expense to reflect Staff's annualized rental expense. E. Carle		\$2,133	
S-16	Equipment Maintenance	745.950		\$2,522
	1 - To normalize equipment maintenance. K. Bolin		\$2,522	
S-20	Billing Expense	921.500		-\$352
	1 - To annualize billing expense based on current postal rates. K. Foster		-\$352	
S-21	Bad Debt Expense	950.000		-\$396
	1 - To adjust bad debt expense to a normalized level. E. Carle		-\$396	
S-24	Accounting Fees	732.200		\$527

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	1 - To reallocate accounting fees according to the revenue allocation factor. K. Foster		\$527	
<b>S-25</b>	<b>Contracted Legal Fees</b>	<b>733.200</b>		<b>-\$8,776</b>
	1 - To remove legal fees for Shawnee Bend Litigation and 2012 Finance Authority. K. Foster		-\$9,282	
	2 - To annualize legal fees for 2012 Finance Authority to a three-year average. K. Foster		\$506	
<b>S-26</b>	<b>General Liability - Sewer</b>	<b>757.200</b>		<b>\$1,074</b>
	1 - To annualize insurance to reflect allocation based on plant. A. Sarver		\$1,074	
<b>S-27</b>	<b>Office Supplies</b>	<b>921.000</b>		<b>-\$8,237</b>
	1 - To remove amount booked to incorrect account. A. Sarver		-\$2,350	
	2 - To remove non-recurring expenses. A. Sarver		-\$250	
	3 - To remove account analysis charge. A. Sarver		-\$3,132	
	4 - To remove expenses not necessary to provide safe and adequate service. A. Sarver		-\$2,255	
	5 - To remove expenses already accounted for in payroll. A. Sarver		-\$250	
<b>S-28</b>	<b>Management Fees</b>	<b>922.000</b>		<b>-\$181,125</b>
	1 - To replace executive management fees in test year with costs for executive oversight. K. Foster		-\$181,125	
<b>S-29</b>	<b>Telephone</b>	<b>925.000</b>		<b>-\$1,759</b>
	1 - To annualize cell phone for a two-year average. A. Sarver		-\$81	
	2 - To annualize wireless service to reflect allocation based on payroll. A. Sarver		-\$484	

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	3 - To remove disallowed expense. A. Sarver		-\$225	
	4 - To remove wireless service no longer activated. A. Sarver		-\$969	
<b>S-30</b>	<b>Travel and Entertainment - Other</b>	<b>927.000</b>		<b>-\$17,229</b>
	1 - To remove expenses covered by executive oversight adjustment to account 922.00 and other miscellaneous expenses. K. Foster		-\$17,229	
<b>S-31</b>	<b>Travel and Entertainment - Lodging</b>	<b>927.100</b>		<b>-\$85</b>
	1 - To remove expenses covered by executive oversight adjustment to account 922.00. K. Foster		-\$85	
<b>S-32</b>	<b>Transportation - Airline/Car</b>	<b>927.200</b>		<b>-\$227</b>
	1 - To remove expenses covered by executive oversight adjustment to account 922.00. K. Foster		-\$227	
<b>S-33</b>	<b>Transportation Expense</b>	<b>933.000</b>		<b>-\$2,142</b>
	1 - To adjust out misapplied expenses and expenses related to the Shawnee Bend Development Lawsuit, and to adjust expenses related to the 2012 Finance Authority to a three-year average. K. Foster		-\$2,142	
<b>S-36</b>	<b>Other Misc. Expenses</b>	<b>975.000</b>		<b>-\$2,687</b>
	1 - To ajust Misc. Expense to a normalized level. E. Carle		-\$3,501	
	2 - To annualize bank service charges. A. Sarver		\$814	
<b>S-37</b>	<b>Rate Case Expense</b>	<b>981.000</b>		<b>\$1,074</b>

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<u>A</u> Expense Adj Number	<u>B</u> Adjustment Description	<u>C</u> Account Number	<u>D</u> Adjustment Amount	<u>E</u> Total Adjustment
	1 - To normalize rate case expense over a three year period. E. Carle		\$1,074	
S-40	PSC Assessment	767.500		\$11,105
	1 - To adjust PSC/OPC Assessment to the 2014 assessment level. E. Carle		\$11,105	
S-41	Licenses and Permits	779.200		-\$750
	1 - To removed non-recurring expenses. A. Sarver		-\$750	
S-44	Amortization of SB Development Legal Fees			\$1,549
	1 - To amortize legal fees for Shawnee Bend Litigation over five years. K. Foster		\$1,549	
S-45	CIAC Amortization Expense			-\$75,839
	1 - Update Amortized CIAC based on new allocation factors. A. Sarver		-\$75,839	
S-46	Depreciation			\$129,784
	1. To Annualize Depreciation		\$129,784	
S-49	Real Estate Taxes	967.200		-\$239
	1 - To annualize taxes to reflect allocation based on Company's plant. A. Sarver		-\$239	
Total Expense Adjustments				<u><u>-\$153,725</u></u>