

Rate Design Workpapers

FILED
September 2, 2008
Data Center
Missouri Public
Service Commission

Staff Exhibit No. 10
Case No(s) SO-2008-0289
Date 8-13-08 Rptr FF

Stoddard County Sewer Company, Inc.

Small Company Rate Filing - Sewer Service
File # 2002 00623

S-1

Rate Making Income Statement

	As Adjusted		Cost of Service
Revenue	\$22,093		
Expenses			
Salary	\$0		\$0
Billing	\$3,200		\$3,200
Operator Expense	\$13,000		\$13,000
Mowing Expense	\$400		\$400
Electric	\$8,994		\$8,994
Water	\$490		\$490
Repair & Maintenance	\$743		\$743
Testing Expense	\$1,703		\$1,703
DNR Fees	\$3,000		\$3,000
PSC Assessment	\$1,449		\$1,449
Office Supplies	\$180		\$180
Postage	\$55		\$55
Telephone	\$860		\$860
Corporate Registration	\$50		\$50
Real Estate Taxes	\$163		\$163
Depreciation	\$4,150		\$4,150
Return & Tax	\$9,637		\$9,637
Total Cost of Service	\$48,074		\$48,074
	\$0		

Operation & Maintenance Expenses \$48,074 \$48,074
Cost to recover from Rates (less other revenues)

Total Cost-Of-Service	\$48,074	
Increase Needed	\$25,981	117.6%
Increase Proposed by Staff	\$23,256	105.3%
Revenue Increase Requested \$23,256		

Per Staff's Recommendation	
Operating Expenses	\$45,349
Recovery of Return & Dep	-\$34,287
	<u>\$11,062</u>

Per Staff's Recommendation	
Total Cost of Service Recovered	
Current Revenues	\$22,093
Proposed Increase	\$23,256
Cost of Service Recovered	<u>\$45,349</u>

Revenue Shortfall with Proposed Increase	
Total COS	\$48,074
Cost of service Recovered	-\$45,349
Revenue Shortfall w/ Proposed	<u>\$2,725</u>

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Sewer Rate Development

Sewer Rates

Total Sewer Cost of Service		\$45,349
Times:		
House & Dup Percentage		71.21%
Equals: Revenue to collect from Houses & Duplexes	\$	32,292
Divided by Billings		1,380
Equals: House & Duplex RATE	\$	23.40

Total Sewer Cost of Service		\$45,349
Times:		
Apartment Percentage		28.79%
Equals: Revenue to collect from Apartments	\$	13,057
Divided by Billings		684
Equals: Apartment RATE	\$	19.09

Meter Size	Customers	Usage Percentages	Weighting	Weighting Percentages
House & Duplexes	115	11.4	1311	71.21%
Apartments	57	9.3	530	28.79%
Totals	172		1,841	100.00%

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Residential Sewer Customer Impact

Houses & Duplexes

Monthly
Charge

Proposed Rates- Houses and Duplexes	\$23.40
Current Rates - Houses and Duplexes	\$11.40
Difference	\$12.00
Percentage Difference from Current Rates	105.26%

Apartments

Monthly
Charge

Proposed Rates- Houses and Duplexes	\$19.09
Current Rates - Houses and Duplexes	\$9.30
Difference	\$9.79
Percentage Difference from Current Rates	105.26%

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Proposed Charges Annualized & Normalized Revenues

Sewer Revenues

Minimum Bill Revenues

Customer Number - Houses and Duplexes 115

Customer Bills 1380

Times:

Proposed Minimum Monthly Charge \$ 23.40

Equals:

Annualized Minimum Bill Revenue - Houses and Duplexes \$32,292

Customer Number - Apartments 57

Customer Bills 684

Times:

Proposed Minimum Monthly Charge \$ 19.09

Equals:

Annualized Minimum Bill Revenue - Apartments \$13,057

Total Sewer Revenue - Proposed Rates

\$45,349

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Accounting Department Test Year Annualized & Normalized Revenues

Sewer Revenues

Minimum Bill Revenues

Customer Number - Single Family Residences		115
Customer Bills		1380
Times:		
Existing Minimum Monthly Charge	\$	11.40
Equals:		
Annualized Minimum Bill Revenue - Single Family Residences		\$15,732
Customer Number - Apartments		57
Customer Bills		684
Times:		
Existing Minimum Monthly Charge	\$	9.30
Equals:		
Annualized Minimum Bill Revenue - Apartments		\$6,361

Total Sewer Rate Revenues @ Current Rate **\$22,093**

Miscellaneous Revenues **\$0**

Total Sewer Service Revenues @ Current Rates **\$22,093**