

Rate Assessment & Application

Disclaimer:

- The following spreadsheets are intended to give a representation of how rate changes will affect overall revenue for water/wastewater systems. They are best used to assist your system in determining the proper rate structure, and not to be used as a sole method for determining rates.
- The results from the following spreadsheets will be only as good as the data used in completing. They do not take into consideration additional fees or unpaid bills.
- o IRWA assumes no responsibility for the application and/or misapplication of the information contained herein.

Comple	eted For	:
Comple	eted By:	
Date Co	mpleted	l :

Village of Oreana
CC
4/29/2024

Village of Oreana

System Data

For Year: Completed By: Date Completed: 4/29/2024

Amount of Water Purchased
Amount of Water Billed
Unaccounted for Water

Gallons (annual)	Cu Ft. (annual)	
21,675,800	2,897,834	
16,027,409	2,142,702	
5,648,391	755,132	

Annual Operating Expenses Annual Loan Payment Annual Bond Payment

Dollars					
\$121,850.93					
\$63,097.12		Cost per Gallon	Cost Per 1000 Gals	Cost Per 100 Cu.Ft.	
\$31,049.50	Purchased	\$0.00562	\$5.62	\$4.20	
	Debt Retirement	\$0.00434	\$4.34	\$3.25	Ī
	Total	\$0.00996	\$9.96	\$7.45	ĺ
\$215 997 55					

26.06%

Total Annual Budget

Connection Information Base Rate Only

Customer				
Location	Number of	of Customers in Each R	ate Class	
In Town	374			
Out-of-Town		1		
				Total Connections
				375
	2,000	2,000		

Current Rate information (base)

Consumption w/ Base (gal.)

Customer Location	Bas	se Rate for Each Rate Class	
In Town	\$25.36		
Out-of-Town		\$33.26	
			Base Rate Revenues
			\$114,214.80
(Per 1000 Gallons)	\$11.60	\$11.60	

Current Consumption Rate

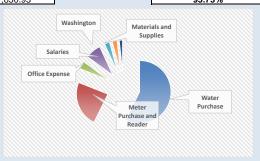
Percentage of Total Operating Expenses without any consumption revenue

Operating Budget Outline

Water Purchase Salaries Salaries
Maintenance
Engineering & Prof. Fees
Office Expense
Training & Dues
Chemicals
TOTAL OPERATING EXPENDITURES

\$69,826.43
\$28,892.44
\$4,932.64
\$9,824.58
\$3,270.27
\$3,094.32
\$2,010.25
\$121,850.93

Base Rate % Total Cost 93.73%



RWA ILLINOIS RURAL WATER ASSOCIATION

Village of Oreana Existing Rates

For Year:	FY2022-2023
Completed By:	CC
Date Completed:	4/29/2024

ILLINOIS RURAL WATER ASSOCIATION				Completed By:	F12022-2023
ASSOCIATION				Completed By: Date Completed:	<u>CC</u> 4/29/2024
	Annual Gallons			Date Completed:	→/∠3/∠0∠4
Amount of Water Purchased	21,675,800				
Amount of Water Full ased	16,027,409				
Unaccounted for Water	5,648,391	26.06%	1		
Offaccounted for water	3,040,331	20.00 /6			
Annual Operating Expenses	£424 950 02				
Annual Operating Expenses	\$121,850.93				
Annual Loan Payment	\$63,097.12				
Annual Bond Payment	\$31,049.50		Downsham On	-4 4 000 O-l	фг. co
Total Assessed Books	0045 007 55			st per 1,000 Gal.	\$5.62
Total Annual Budget	\$215,997.55			ent per 1,000 Gal.	\$4.34
	Overte man			otal	\$9.96
	Customer				
	Location		Customers in Eac	ch Rate Class	
	In Town	374			
Connection information	Out-of-Town		1		
Gallons W/Base		2,000	2,000		375
		Darri	Data for Foot Dat	to Class	
			Rate for Each Rat	ie Class	
Owner Date 1 6	In Town	\$25.36			
Current Rate information			000.00		
	Out-of-Town		\$33.26		
Consumption Charge	(Per 1000 Gallons)	\$11.60	\$11.60		
					Totals
	In Town	\$9,484.64			\$9,484.64
	Out-of-Town		\$33.26		\$33.26
	Total/month	\$9,484.64	\$33.26		\$9,517.90
	12 mo. Total	\$113,815.68	\$399.12		\$114,214.80
% of operating budget		52.69%	0.18%	0.00%	52.88%
, , , ,					
Water with Base Charge	Total/manth	749 000	2.000	0	750 000
	Total/month	748,000	2,000	0	750,000
	12 mo. Total	8,976,000	24,000	0	9,000,000
Aveilable water to be sell	40 F20/		Adinated 75	50 000 Callana	7 777 400
Available water to be sold	48.53%		Adjusted /5	50,000 Gallons Rate Revenues	7,777,409 \$00,347,04
			Consumption	rate Revenues	\$90,217.94
Hannan aumte 15 marste	F 040 004	COT TO 1 O 1			
Unaccounted for water	5,648,391	\$65,521.34	T. () 5		A004 100 T1
			Total Rever	nue Generated	\$204,432.74
					(0.4.5-4.5.)
			Annual Ca	nin/(Shortfall)	(\$11,564.81)
			Ailliuai Ga		
			Alliluai Ga	· ·	-5.35%
			Aillidai Ga	Typical F	Residential Water Bill
			Aillidai Ga	Typical F	Residential Water Bill Residential Water Bill
			Ailliuai Ga	Typical F Gallons Used 2,000	Residential Water Bill Residential Water Bill \$25.36
			Ailliuai Ga	Typical F	Residential Water Bill Residential Water Bill

Village of Oreana Rate Change For Year: Lower Gallons Included w/Base Rate Completed By: 4/29/2024 to 1000 Gallons. **Date Completed: Annual Gallons Amount of Water Purchased** 21,675,800 **Amount of Water Sold** 16,027,409 26.06% **Unaccounted for Water** 5,648,391 **Annual Operating Expenses** \$121,850.93 **Annual Loan Payment** \$63,097.12 **Annual Bond Payment** \$31,049.50 Purchase Cost per 1,000 Gal. \$5.62 **Total Annual Budget** \$215,997.55 Debt Retirement per 1,000 Gal. \$4.34 \$9.96 Total Customer **Number of Customers in Each Rate Class** Location In Town Connection information Out-of-Town Gallons W/Base 1,000 1,000 375 **Base Rate for Each Rate Class** In Town \$25.36 **Current Rate information** \$33.26 Out-of-Town **Consumption Charge** (Per 1000 Gallons) \$11.60 \$11.60 Totals \$9,484.64 \$9,484.64 In Town \$33.26 \$33.26 Out-of-Town Total/month \$9,484.64 \$33.26 \$9,517.90 12 mo. Total \$399.12 \$114,214.80 \$113,815.68 % of operating budget 52.69% 0.18% 0.00% 52.88% Water with Base Charge Total/month 375,000 374,000 1,000 0 12 mo. Total 4,488,000 12,000 0 4,500,000 Available water to be sold 71.92% 11,527,409 **Consumption Rate Revenues** \$133,717.94 Unaccounted for water 5,648,391 \$247,932.74 Total Revenue Generated \$31,935.19 Annual Gain/(Shortfall) 14.78%

Original Gallons

2,000

3,000

5.000

Original Bill

\$25.36

\$36.96

\$60.16

Typical Residential Water Bill

Gallons Used

1,000

2,000

5,000

Residential Water Bill

\$25.36

\$71.76