



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.
- IRWA assumes no responsibility for the application and/or misapplication of the information contained herein.

Completed For:
Completed By:
Date Completed:

Village of Oreana
CC
4/29/2024



Village of Oreana

System Data

For Year: **FY2022-2023**
 Completed By: **CC**
 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	26.06%

Annual Operating Expenses
 Annual Loan Payment
 Annual Bond Payment

Dollars		Cost per Gallon	Cost Per 1000 Gals	Cost Per 100 Cu.Ft.
\$121,850.93				
\$63,097.12				
\$31,049.50				
	Purchased	\$0.00562	\$5.62	\$4.20
	Debt Retirement	\$0.00434	\$4.34	\$3.25
	Total	\$0.00996	\$9.96	\$7.45
Total Annual Budget	\$215,997.55			

Connection Information
 Base Rate Only

Customer Location	Number of Customers in Each Rate Class			
In Town	374			
Out-of-Town		1		
				Total Connections
				375

Consumption w/ Base (gal.)

2,000	2,000	
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Current Rate information (base)

Customer Location	Base Rate for Each Rate Class			
In Town	\$25.36			
Out-of-Town		\$33.26		
				Base Rate Revenues
				\$114,214.80

Current Consumption Rate

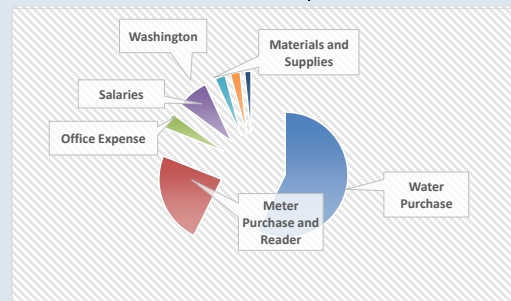
(Per 1000 Gallons)	\$11.60	\$11.60
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Percentage of Total Operating Expenses without any consumption revenue

Operating Budget Outline

Water Purchase	\$69,826.43
Salaries	\$28,892.44
Maintenance	\$4,932.64
Engineering & Prof. Fees	\$9,824.58
Office Expense	\$3,270.27
Training & Dues	\$3,094.32
Chemicals	\$2,010.25
TOTAL OPERATING EXPENDITURES	\$121,850.93

Base Rate % Total Cost
93.73%





Village of Oreana Existing Rates

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

Amount of Water Purchased	Annual Gallons			
Amount of Water Sold	21,675,800			
Unaccounted for Water	16,027,409			
	5,648,391	26.06%		
Annual Operating Expenses	\$121,850.93			
Annual Loan Payment	\$63,097.12			
Annual Bond Payment	\$31,049.50			
Total Annual Budget	\$215,997.55			
		Purchase Cost per 1,000 Gal.	\$5.62	
		Debt Retirement per 1,000 Gal.	\$4.34	
		Total	\$9.96	
Connection information	Customer Location	Number of Customers in Each Rate Class		
	In Town	374		
	Out-of-Town		1	
Gallons W/Base	2,000	2,000		375
Current Rate information	Base Rate for Each Rate Class			
	In Town	\$25.36		
	Out-of-Town		\$33.26	
Consumption Charge	(Per 1000 Gallons)	\$11.60	\$11.60	
	In Town	\$9,484.64		Totals
				\$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/month	748,000	2,000	0
	12 mo. Total	8,976,000	24,000	0
Available water to be sold	48.53%	Adjusted 750,000 Gallons		7,777,409
		Consumption Rate Revenues		\$90,217.94
Unaccounted for water	5,648,391	\$65,521.34		
		Total Revenue Generated		\$204,432.74
		Annual Gain/(Shortfall)		
		(\$11,564.81)		
		-5.35%		
		Typical Residential Water Bill		
		Gallons Used	Residential Water Bill	
		2,000	\$25.36	
		3,000	\$36.96	
		5,000	\$60.16	



Village of Oreana Rate Change

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

Lower Gallons Included w/Base Rate
to 1000 Gallons.

Amount of Water Purchased	Annual Gallons			
Amount of Water Sold	21,675,800			
Unaccounted for Water	16,027,409			
	5,648,391	26.06%		
Annual Operating Expenses	\$121,850.93			
Annual Loan Payment	\$63,097.12			
Annual Bond Payment	\$31,049.50			
Total Annual Budget	\$215,997.55			
		Purchase Cost per 1,000 Gal.	\$5.62	
		Debt Retirement per 1,000 Gal.	\$4.34	
		Total	\$9.96	
Connection information	Customer Location	Number of Customers in Each Rate Class		
	In Town	374		
	Out-of-Town		1	
Gallons W/Base		1,000	1,000	375
Current Rate information	Base Rate for Each Rate Class			
	In Town	\$25.36		
	Out-of-Town		\$33.26	
Consumption Charge	(Per 1000 Gallons)	\$11.60	\$11.60	
	In Town	\$9,484.64		Totals \$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/month	374,000	1,000	0
	12 mo. Total	4,488,000	12,000	0
Available water to be sold	71.92%			11,527,409
		Consumption Rate Revenues		\$133,717.94
Unaccounted for water	5,648,391	\$65,521.34		
		Total Revenue Generated		\$247,932.74
		Annual Gain/(Shortfall)		\$31,935.19
				14.78%
		Typical Residential Water Bill		
	Original Gallons	Original Bill	Gallons Used	Residential Water Bill
	2,000	\$25.36	1,000	\$25.36
	3,000	\$36.96	2,000	\$36.96
	5,000	\$60.16	5,000	\$71.76