

Basic Costs of Water Production and Distribution

Month:

Year:

System Name:

PWSID:

Total Gallons Treated:

Man-Hours Cost (for hours actually worked at treatment plant)

Employee Name	Hourly Wage	Hourly Fringe	Hours Worked	Monthly Cost
Lester Bowling	\$24.57	\$5.19	160.00	\$4,761.60
Dale Holmes	\$17.80	\$5.19	160.00	\$3,678.40
Phillip Seagraves	\$20.93	\$5.19	160.00	\$4,179.20
Mark Duncan	\$18.89	\$5.19	160.00	\$3,852.80
Eugene Bledsoe	\$21.82	\$5.19	160.00	\$4,321.60
Charlie Binion	\$20.50	\$5.19	80.00	\$2,055.20

This report does not include analytical and other water system operational or maintenance costs. For determining customer and wholesale rates consider a cost of service study.

Total Man-Hours Cost

Chemical Cost

Chemical Name	Units (lbs or gals)	Cost per Unit	Monthly Cost
Hydrex Polymer	217	\$3.800	\$824.60
Polyaluminum Hydro	2250	\$2.900	\$6,525.00
Hypochlorite	1800	\$2.850	\$5,130.00
Phosphate Blend	180	\$10.690	\$1,924.20
Sand	900	\$0.200	\$180.00

Chemical Name	Units (lbs or gals)	Cost per Unit	Monthly Cost
Fluoride	150	\$6.500	\$975.00
			\$0.00
			\$0.00
			\$0.00
			\$0.00

Total Chemical Cost:

Electrical Cost

Treatment Facility:	\$19,500.00
Low Service (if separate):	\$0.00
High Service (if separate):	\$0.00

Total Electrical Cost:

Gas for heating

Total Heating Cost:

Additional Distribution Cost							
Booster Pump Station Name	Gallons Pumped	Electricity	chemical (lbs or gals)	cost per lb or gal	chemical cost	Station Cost	Cost of Production plus Distribution Per Thousand
US 60 pump st	21,500,000	\$1,245.00			\$0.00	\$1,245.00	\$1.17
Smokey creek pump	9,500,000	\$860.00			\$0.00	\$860.00	\$1.20
clifty creek pump	12,600,000	\$1,100.00			\$0.00	\$1,100.00	\$1.20
Diamond Ridge pump	2,500,000	\$600.00			\$0.00	\$600.00	\$1.35
RT 486 pump st	8,500,000	\$950.00			\$0.00	\$950.00	\$1.22
Debt service plant							

Total Production Cost for Month:
 Total Distribution Cost for Month:
 Total:

Production Cost Per Thousand Gallons:
 Average Production + Distribution:

Comments and Adjustments

Rattlesnake Ridge Water District

PWSID: Ky0220555

March

2022

In the areas below list any comments, adjustments, etc. to explain monthly water accountability entries.

Debt service at water plant is \$170000 per month which = \$3.23 per thousand gallons of water based on 52,600,000 gallons per month. $\$3.23 + \1.11 production cost = \$4.34 per thousand gallons.