

**Billing Analysis - 2023 Usage & Proposed Water Rates
Western Rockcastle Association**

SUMMARY

Meter Size	# of Bills	Gallons Sold	Revenue
5/8-Inch x 3/4_Inch Meter	52,171	304,303,600	\$ 3,244,619.00
1-Inch Meter	124	5,749,800	42,358.63
Less Adjustments - Residential			(855,037.60)
Net Revenue Proposed Water Rates			2,431,940
Revenue Water Sales - Normalized			(2,427,193)
Total adjustment			<u>\$ 4,747</u>

Rate Check Calculation.

Revenue Water Sales - Proposed Rates	2,431,940.03
Less: Revenue Requirement Operating Ratio	(2,427,193.00)
Difference	<u>4,747.03</u>

Meter Size 3/4-Inch x 5/8-Inch Meter

	Usage	Bills	Gallons	First 2,000	Next 3,000	Next 5,000	Next 15,000	Over 25,000	Total
First	2,000	20,419	18,759,200	18,759,200	-	-	-	-	18,759,200
Next	3,000	21,685	71,792,200	43,370,000	28,422,200	-	-	-	71,792,200
Next	5,000	7,846	52,783,200	15,692,000	23,538,000	13,553,200	-	-	52,783,200
Next	15,000	1,802	25,309,100	3,604,000	5,406,000	9,010,000	7,289,100	-	25,309,100
Over	25,000	419	135,659,900	838,000	1,257,000	2,095,000	6,285,000	125,184,900	135,659,900
TOTALS		<u>52,171</u>	<u>304,303,600</u>	<u>82,263,200</u>	<u>58,623,200</u>	<u>24,658,200</u>	<u>13,574,100</u>	<u>125,184,900</u>	<u>304,303,600</u>

REVENUE BY RATE INCREMENT

	Bills	Gallons	Rate	Revenue
First	2,000	82,263,200	\$ 30.83 Min. Bill	\$ 1,608,431.93
Next	3,000	58,623,200	\$ 0.008680 per Gallon	508,849.38
Next	5,000	24,658,200	\$ 0.007990 per Gallon	197,019.02
Next	15,000	13,574,100	\$ 0.007300 per Gallon	99,090.93
Over	25,000	125,184,900	\$ 0.006640 per Gallon	831,227.74
TOTAL		<u>304,303,600</u>		<u>\$ 3,244,619.00</u>

Meter Size 1-Inch Meter

	Usage	Bills	Gallons	First 5,000	Next 5,000	Next 15,000	Next #REF!	Total
First	5,000	48	86,600	86,600	-	-	-	86,600
Next	5,000	13	105,200	65,000	40,200	-	-	105,200
Next	15,000	16	270,000	80,000	80,000	110,000	-	270,000
Over	25,000	47	5,288,000	235,000	235,000	705,000	4,113,000	5,288,000
TOTALS		<u>124</u>	<u>5,749,800</u>	<u>466,600</u>	<u>355,200</u>	<u>815,000</u>	<u>4,113,000</u>	<u>5,749,800</u>

REVENUE BY RATE INCREMENT

	Bills	Gallons	Rate	Revenue
First	5,000	124	466,600 \$ 50.49 Min. Bill	\$ 6,260.76
Next	15,000	355,200	\$ 0.00799 per Gallon	2,838.05
Next	30,000	815,000	\$ 0.00730 per Gallon	5,949.50
Over	50,000	4,113,000	\$ 0.00664 per Gallon	27,310.32
TOTAL		<u>5,749,800</u>		<u>\$ 42,358.63</u>