

This series of charts explores alternative water billing structures for the Town of Clyde Park. Rather than increasing the base water rate of \$77.91, we modeled what would happen if the number of gallons included in that base rate was reduced — from 4,000 gallons to 3,000 or 2,500 gallons — while adjusting the overage charges. These comparisons demonstrate how small changes in rate structure can:

- Encourage water conservation,
- Ensure fairness for low-usage households,
- And generate additional revenue for water system sustainability and improvements.

Impact of Reducing Gallons Used vs. Raising Overage Rates					
Gallons Used	2,500 gal @ \$5/1k	2,500 gal @ \$7/1k	3,000 gal @ \$5/1k	3,000 gal @ \$7/1k	4,000 gal @ \$1.92/1k
2000	77.91	77.91	77.91	77.91	77.91
2500	77.91	77.91	77.91	77.91	77.91
3000	80.41	81.41	77.91	77.91	77.91
3500	82.91	84.91	80.41	81.41	77.91
4000	85.41	88.41	82.91	84.91	77.91
4500	87.91	91.91	85.41	88.41	78.87

5000	90.41	95.41	87.91	91.91	79.83
5500	92.91	98.91	90.41	95.41	80.79
6000	95.41	102.41	92.91	98.91	81.75
6500	97.91	105.91	95.41	102.41	82.71
7000	100.41	109.41	97.91	105.91	83.67
7500	102.91	112.91	100.41	109.41	84.63
8000	105.41	116.41	102.91	112.91	85.59
8500	107.91	119.91	105.41	116.41	86.55
9000	110.41	123.41	107.91	119.91	87.51
9500	112.91	126.91	110.41	123.41	88.47
10000	115.41	130.41	112.91	126.91	89.43
10500	117.91	133.91	115.41	130.41	90.39
11000	120.41	137.41	117.91	133.91	91.35
11500	122.91	140.91	120.41	137.41	92.31

12000	125.41	144.41	122.91	140.91	93.27
12500	127.91	147.91	125.41	144.41	94.23
13000	130.41	151.41	127.91	147.91	95.19
13500	132.91	154.91	130.41	151.41	96.15
14000	135.41	158.41	132.91	154.91	97.11

Scenario	Projected Annual Revenue
4,000 gal @ \$1.92/1k	168285.6 (Current projected revenue)
3,000 gal @ \$5/1k	178534.8
3,000 gal @ \$7/1k	182634.48
2,500 gal @ \$5/1k	183934.8
2,500 gal @ \$7/1k	190194.48