

WCWCD water conservation surcharge fee

On January 1, 2023, the WCWCD is implementing a surcharge conservation fee.

Existing customers based on .89 acre ft per year usage, that use over 36,000 gallons in any given month will be charged an additional water use surcharge fee. The fee will be \$1.00 per thousand gallons used, above 36,000 gallons.

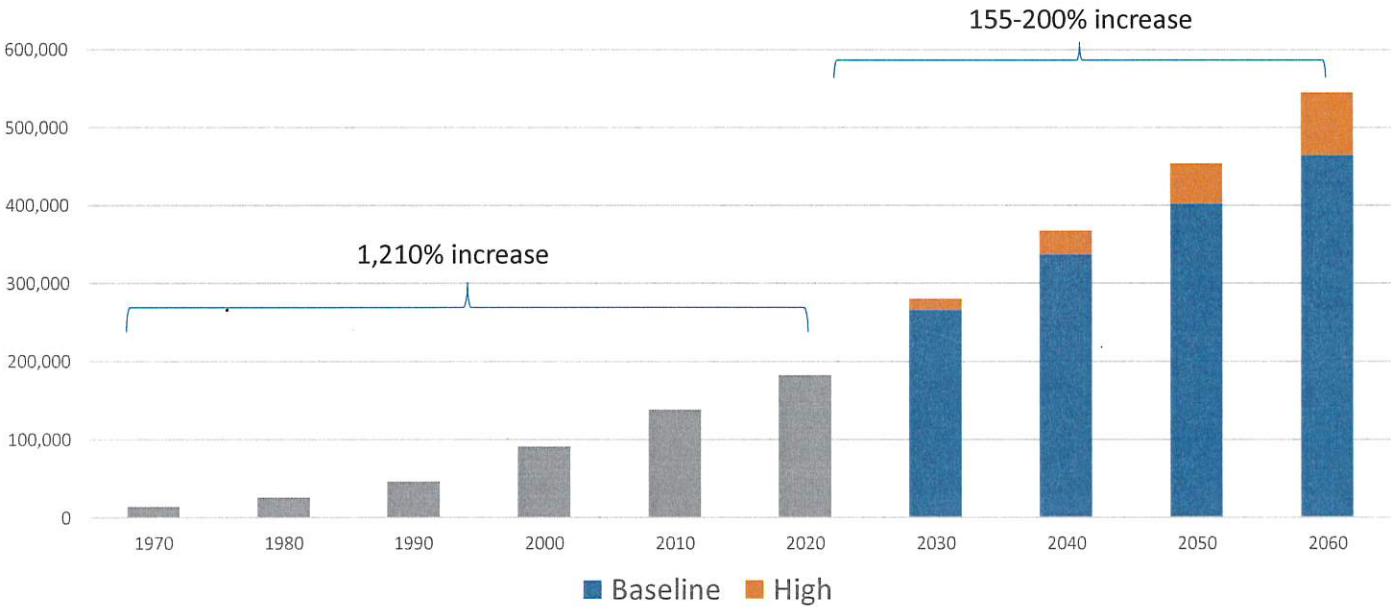
New building connections will be charged \$10.00 a thousand for use above 23,000 gallons of water in the summer months and varies to \$10.00 per thousand for use above 10,000 gallons used in winter months.

The district explained a small percentage of customers will be affected

The district plans on spending the extra income in the communities on water conservation projects.

The district hopes this will be a way to to bring the high-end water users closer to the amount of water they should be using.

Washington County Population Growth



Existing Water Supply vs Demand



Level of Service

Established in 2017

0.89

acre-feet per year per Equivalent
residential connection

Effective 2023

0.59

acre-feet per year per Equivalent
residential connection

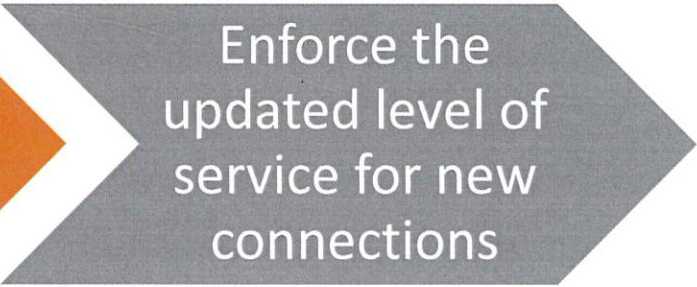




Purpose of the Excess Water Use Surcharge



Reduce
consumption of
high water users

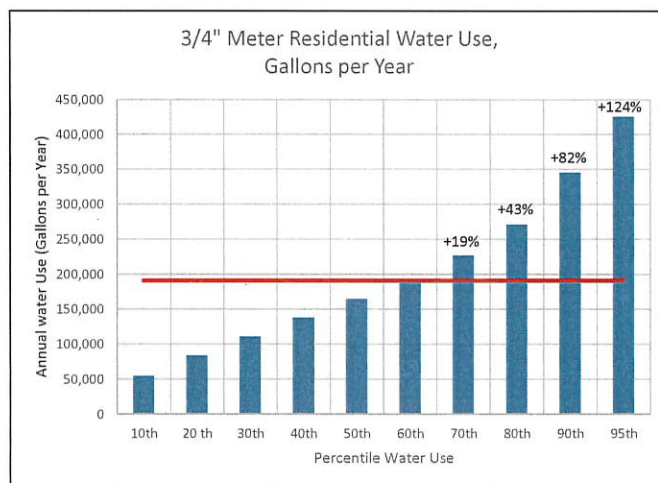


Enforce the
updated level of
service for new
connections



Excess Water Use Surcharge Analysis

Percentile	Annual Use (gal/yr)	Total Use in Percentile Range (gal/yr)	% of Total Use
95 th	426,064	547,086,368	15.4%
90 th	345,642	902,434,886	25.4%
80 th	271,245	1,470,924,553	41.4%
70 th	226,947	1,933,943,456	54.4%
60 th	193,045	2,325,830,251	65.4%
50 th	164,821	2,659,762,119	74.8%
40 th	137,974	2,942,767,271	82.8%
30 th	111,315	3,176,680,091	89.3%
20 th	83,794	3,359,476,061	94.5%
10 th	54,904	3,489,882,792	98.1%





Pricing

- Existing Customers
 - \$1.00/1,000 gallons (with potential future increases)
 - Approved by the board
 - Future User:
 - Higher conservation rate (TBD)
 - Approval by the board scheduled for December
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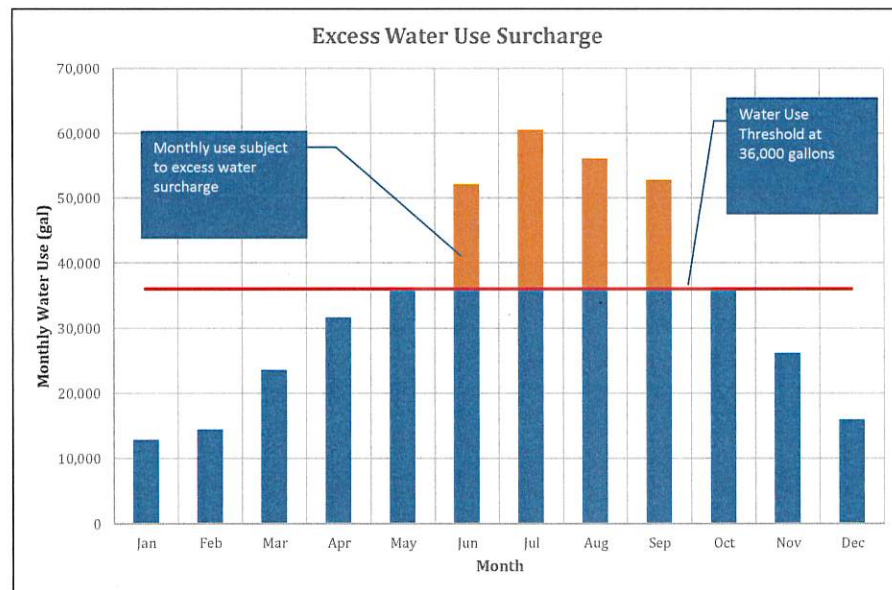


Existing Customers

Structures connected to the water
system before December 31, 2022

Existing Residential Customer $\frac{3}{4}$ " Meter (Adopted)

- Monthly water use held constant each month
- Up to 36,000 gallons
- Based on 0.89 AFY level of service



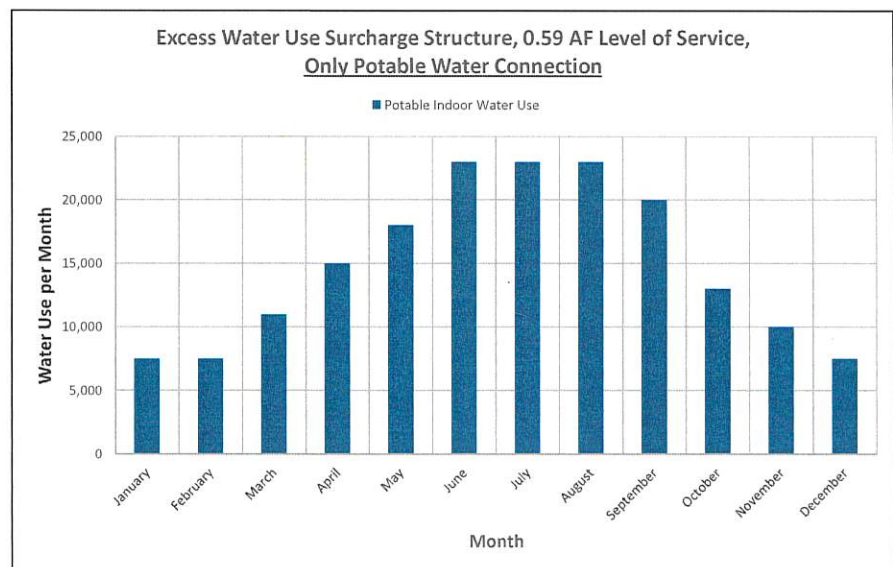
Existing Customer Meter Thresholds (Adopted)

Meter Size	Monthly Demand Threshold (gal)
3/4-inch	36,000
1-inch	80,000
1.5-inch	260,000
2-inch	420,000
3-inch	850,000
4-inch	1,400,000
6-inch	2,600,000
8-inch	4,200,000



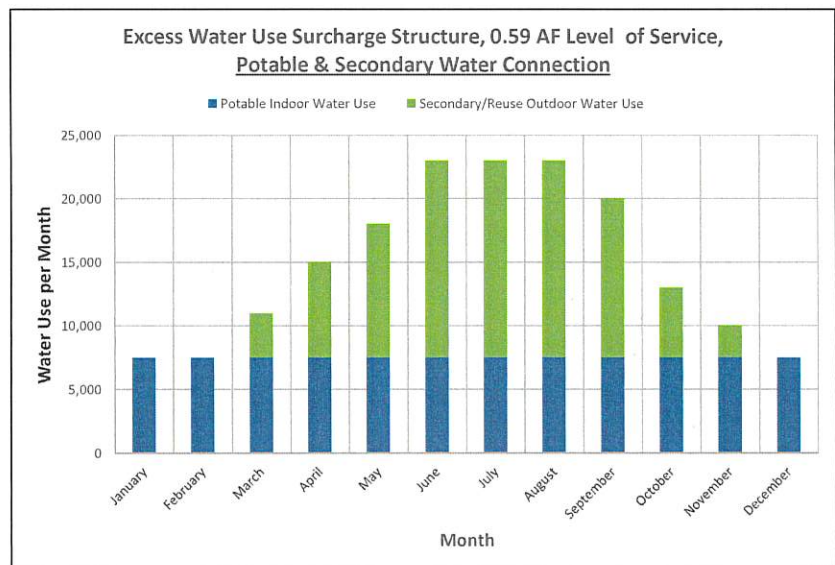
New Residential $\frac{3}{4}$ " Meter with Only a Potable Water Connection

- Monthly potable water use threshold varies per month
- Up to 7,500 gallons per month in winter
- Up to 23,000 gallons per month in summer
- Based on 0.59 AFY level of service



New Residential $\frac{3}{4}$ " Meter with a Potable and Secondary Water Connection

- Monthly potable water use held constant each month
- Up to 7,500 gallons per month in winter
- Up to 23,000 gallons per month in summer
- Based on 0.59 AFY level of service
- Helps prevent use of potable water for irrigation when a secondary connection is available



Average Historical Water Use Set Proposed New Customer Tier Structure

Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Average Monthly Water Use (from Historical Data)	5,874	6,437	10,204	13,867	17,374	22,538	23,038	22,712	19,927	12,669	9,413	6,011
Recommended Monthly Water Use Thresholds for New Connections	7,500	7,500	11,000	14,000	18,000	23,000	23,000	23,000	20,000	13,000	10,000	7,500

