

Water Conservation Needs

Brief History of the need for Tiered Water Rates

- S.B. 28 Water System Conservation Pricing
 - This bill was introduced in 2016. It requires water providers to establish an increasing rate structure for culinary water.
- Through a tiered pricing structure the goal is to increase conservation due to the high end user being billed at higher rates. This helps encourage conservation through the only true way of influence. Money.
- H.B. 274 Municipalities may establish different rates for different classifications, including for when water conservation is used as an element in determining the rate charged for a block unit of water.
- Ashley Valley Water and Sewer Improvement District desires to manage its water rights in an efficient manner to avoid waste, and to meet our customers' needs.
- **Ongoing drought conditions make it necessary to be proactive with our water use approach so as to not impact negatively other water users in the basin.**

Proposed Drought Condition Rate Structure

Phase 1	Normal Water Conditions. This phase is ongoing and the default rate structure for the district. Staff will provide water conservation information to the public and monitor and report annual use.
Trigger	There is no specific trigger for implementing this phase. It will be ongoing and the default rate structure.
Phase 2	Cautionary phase during which the public will be informed of drought conditions and projected water supply. District will use messages on its website, billing notices, and other avenues to increase public awareness.
Trigger	Snotel reports indicating the basin is less than 100% of the peak median on the calculated peak day of the year.
Phase 3	District imposes conservation rate 1 as described below to encourage water conservation. District will use radio, newspaper, digital media, and billing notices, and district website (ashleywatersewerut.gov) to inform customers of the date of implementation for the new rate.
Trigger	<p>If the Basin falls under any of the following 3 conditions.</p> <ul style="list-style-type: none"> • Red Fleet Reservoir storage is less than 10,000 Acre Feet. This includes M&I rights, conservation pool and dead-pool. • State of Utah declares either a “State of Emergency” or any other form of drought conditions with needed conservation efforts. • Snotel’s “snow water equivalent” report is less than 50% of normal for the Basin.

Phase 4	District imposes conservation rate 2 as described below to encourage water conservation. District will use radio, newspaper, digital media, and billing notices to inform customers of the date of implementation for the new rate. District may also implement mandatory outdoor watering restrictions with fines for those that violate the restrictions.
Trigger	<p>If the Basin falls under any of the following 2 conditions.</p> <ul style="list-style-type: none"> • Steinaker Reservoir doesn't reach 34,955 Acre Feet active capacity by Memorial Day. • Red Fleet drops below 7,000 AF total capacity. • Any scenario where UWCD's infrastructure is unable to meet delivery requirements.

Rate Structure under Normal Water Conditions

Residential Water

\$30.00 for 6,000 gallons

Overage

Up to 8,000 gallons--\$1.95 per 1,000 gl

Up to 16,000 gallons--\$2.00 per 1,000 gl

Over 16,000 gallons--\$2.25 per 1,000 gl

Commercial Water

\$28.00 for 6,000 gallons

Overage

Up to 8,000 gallons--\$1.95 per 1,000 gl

Up to 16,000 gallons--\$2.00 per 1,000 gl

Over 16,000 gallons--\$2.25 per 1,000 gl

Conservation Rate 1

Residential Water

\$30.50 for 6,000 gallons

Overage

Up to 8,000 gallons--\$3.00 per 1,000 gl

Up to 16,000 gallons--\$3.50 per 1,000 gl

Over 16,000 gallons--\$4.00 per 1,000 gl

Commercial Water

\$28.50 for 6,000 gallons

Overage

Up to 8,000 gallons--\$3.00 per 1,000 gl
Up to 16,000 gallons--\$3.50 per 1,000 gl
Over 16,000 gallons--\$4.00 per 1,000 gl

Conservation Rate 2

Residential Water

\$30.50 for 6,000 gallons

Overage

Up to 10,000 gallons--\$3.50 per 1,000 gl
Up to 16,000 gallons--\$3.75 per 1,000 gl
Up to 32,000 gallons--\$4.00 per 1,000 gl
Over 32,000 gallons--\$4.25 per 1,000 gl

Commercial Water

\$28.50 for 6,000 gallons

Overage

Up to 10,000 gallons--\$3.50 per 1,000 gl
Up to 16,000 gallons--\$3.75 per 1,000 gl
Up to 32,000 gallons--\$4.00 per 1,000 gl
Over 32,000 gallons--\$4.25 per 1,000 gl

Water Conservation Rate 1 & 2 are automatically implemented when any of the triggers are met. However, the district board may elect to rescind a rate at any public meeting.

Rate Structure--Sample Billing

Normal Billing Rate						
Base Rate	Billed Usage	Tier 1	Tier 2	Tier 3	Tier 4	Total
		0 - 6	6 - 8	8 - 16	16+	
\$ 30.50	6		\$ -	\$ -	\$ -	\$ 30.50
\$ 30.50	8		\$ 3.90	\$ -	\$ -	\$ 34.40
\$ 30.50	12		\$ 3.90	\$ 8.00	\$ -	\$ 42.40
\$ 30.50	16		\$ 3.90	\$ 16.00	\$ -	\$ 50.40
\$ 30.50	30		\$ 3.90	\$ 16.00	\$ 31.50	\$ 81.90
\$ 30.50	53		\$ 3.90	\$ 16.00	\$ 83.25	\$ 133.65

Normal Rate			
Tier 1	Tier 2	Tier 3	Tier 4
0 - 6	6 - 8	8 - 16	16+
\$ -	\$ 1.95	\$ 2.00	\$ 2.25

usage and tier quantities are in 1,000 gallon increments

Conservation Rate 1							
Base Rate	Billed Usage	Tier 1	Tier 2	Tier 3	Tier 4	Total	Increase
		0 - 6	6 - 8	8 - 16	16+		
\$ 30.50	6	\$ -	\$ -	\$ -	\$ -	\$ 30.50	\$ -
\$ 30.50	8	\$ -	\$ 6.00	\$ -	\$ -	\$ 36.50	\$ 2.10
\$ 30.50	12	\$ -	\$ 6.00	\$ 14.00	\$ -	\$ 50.50	\$ 8.10
\$ 30.50	16	\$ -	\$ 6.00	\$ 28.00	\$ -	\$ 64.50	\$ 14.10
\$ 30.50	30	\$ -	\$ 6.00	\$ 28.00	\$ 56.00	\$ 120.50	\$ 38.60
\$ 30.50	53	\$ -	\$ 6.00	\$ 28.00	\$ 148.00	\$ 212.50	\$ 78.85

Conservation Rate 1			
Tier 1	Tier 2	Tier 3	Tier 4
0 - 6	6 - 8	8 - 16	16+
\$ -	\$ 3.00	\$ 3.50	\$ 4.00

Conservation Rate 2								
Base Rate	Billed Usage	Tier 1	Tier 2	Tier 3	Tier 4	Tier 5	Total	Increase
		0 - 6	6 - 10	10 - 16	16 - 32	32+		
\$ 30.50	6	\$ -	\$ -	\$ -	\$ -		\$ 30.50	\$ -
\$ 30.50	8	\$ -	\$ 7.00	\$ -	\$ -		\$ 37.50	\$ 3.10
\$ 30.50	12	\$ -	\$ 14.00	\$ 7.50	\$ -		\$ 52.00	\$ 9.60
\$ 30.50	16	\$ -	\$ 14.00	\$ 22.50	\$ -		\$ 67.00	\$ 16.60
\$ 30.50	30	\$ -	\$ 14.00	\$ 22.50	\$ 56.00		\$ 123.00	\$ 41.10
\$ 30.50	53	\$ -	\$ 14.00	\$ 22.50	\$ 64.00	\$ 89.25	\$ 220.25	\$ 86.60

Conservation Rate 2				
Tier 1	Tier 2	Tier 3	Tier 4	Tier 5
0 - 6	6 - 10	10 - 16	16 - 32	32+
\$ -	\$ 3.50	\$ 3.75	\$ 4.00	\$ 4.25