REGIONAL REUSE PURIFICATION SYSTEM FREQUENTLY ASKED QUESTIONS

WASHINGTON COUNTY WATER CONSERVANCY DISTRICT

WHAT IS THE REGIONAL REUSE PURIFICATION SYSTEM?

The Regional Reuse Purification System (system) will contribute to a local, reliable and drought-proof water source for Washington County. The system will include reclamation facilities, advanced water purification technology, conveyance pipelines and storage reservoirs. The system will transform the region's water cycle by capturing, purifying and reusing the wastewater supply.

WHAT IS THE GOAL OF THE SYSTEM?

The system will augment potable water supplies by purifying reclaimed water from municipalities and sending it to homes and businesses for other uses.

WHY DOES WASHINTON COUNTY NEED THE SYSTEM?

Nearly 12,600 acre-feet of wastewater is currently available throughout the region and this amount will continue to increase as the community grows. Washington County needs the system to optimize the use of all existing water supplies and create new local water resources for residents, businesses and agricultural users.

HOW WILL WASHINGTON COUNTY BENEFIT FROM THE SYSTEM?

Washington County will receive high-quality water that is resilient to extended periods of drought and that can support a growing population and economy. Additionally, a reliable water supply supports economic prosperity and quality of life.

HOW WILL THE SYSTEM WORK?

The system will use a network of water infrastructure to purify, store and deliver water throughout Washington County.

- Three new or expanded Water Reclamation Facilities will remove and eliminate contaminants prior to reuse, advanced purification or environmental return.
- An Advanced Water Purification (AWP) Facility will purify reclaimed water, removing impurities and contaminants to make it safe for drinking.
- Four new reservoirs will be constructed to collect and store water for irrigation; two existing reservoirs will be used to store water from the AWP facility.
- 60 miles of pipeline will convey water throughout the system and deliver reuse water to customers.
- Multiple stations will pump water from lower to higher elevations, allowing continuous and cost-effective delivery of water.

WHAT IS ADVANCED WATER PURIFICATION?

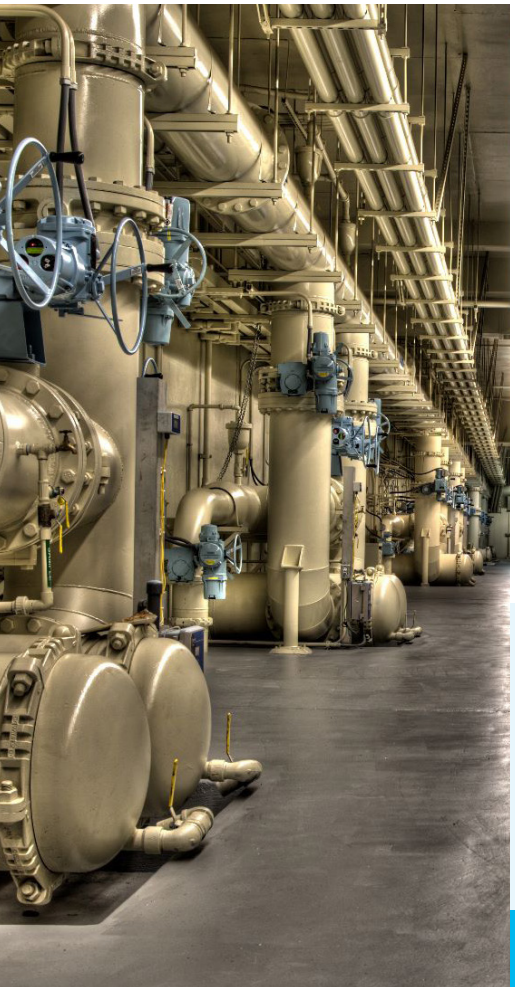
Advanced Water Purification (AWP) mimics nature's water-cycle to produce high-quality drinking water that will meet or exceed state and local regulations. AWP takes water that is already purified enough to be returned to the environment and transforms it into a safe drinking water supply.

HOW WILL THE SYSTEM USE AWP?

The purified water will be blended with water in local reservoirs for storage before it is sent to a drinking water treatment plant to provide safe and reliable drinking water to households and businesses.

WHAT IS THE ANTICIPATED TIMELINE FOR COMPLETING THE SYSTEM?

The district is working diligently to deliver this vital project to Washington County and construction has already begun on key elements. The anticipated timeline for system completion is 20-30 years.



HOW MUCH WILL THE SYSTEM COST AND HOW WILL IT BE FUNDED?

The estimated cost is $1 billion. As of 2024, the district and its program partners, St. George City and Ash Creek Special Service District, have secured more than $250 million in federal, state and local funding for the system. Together, they are working to pursue all available funding to offset impacts to ratepayers.

WHO IS INVOLVED, AND HOW CAN I STAY ENGAGED?

Development of the system is a collaborative effort between the district and its program partners, the City of St. George and Ash Creek Special Service District. The district is also working with the cities of Washington, Hurricane, Ivins, Santa Clara, La Verkin and Toquerville to secure a more resilient water supply for the region.

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