



Park Improvement Recycles Water

March 2024

New Ramada to Provide Comfort for Park Visitors While Recycling Water

Construction will begin in April for an important component of the Fountain Hills Sanitary District (District) infrastructure. An above-ground control room structure will be constructed for one of the three Aquifer Storage & Recovery (ASR) wells at Fountain Park, to replace an aging underground vault. A large portion of this structure will serve park visitors as a ramada to provide shade and a place to reflect on the beauty of Fountain Park. The facility will be located at the south end of the park along Saguaro Boulevard.

The Fount Rushmore statues will be relocated in collaboration with the Town of Fountain Hills, Fountain Hills Cultural & Civic Association, and the Public Arts Committee in a better arrangement for park visitors to experience. The existing sidewalk will be relocated for better access to the ramada and designated view spot by meandering around the ramada.

Construction is expected to be complete the end of October 2024 to accommodate the many events at Fountain Park. During construction, the bike lane may be closed for contractors to access the site, and the sidewalk will be closed with pedestrians detoured to a temporary pedestrian walkway. Work is expected to take place daytime hours, Monday through Friday, with possible Saturday work (excluding major holidays).



**The District is proud to say it
recycles every drop of wastewater –
approximately 680 million gallons a year!**



To learn more about the project or how Fountain Hills Sanitary District “Recycles Every Drop”, scan the QR code to visit us on the web.

Project Information: 480.898.4110 | FHRecyclesEveryDrop.com

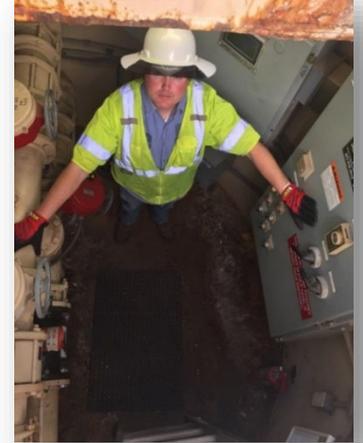
Aquifer Storage & Recovery Wells

The District's biggest challenge is managing the seasonal differences between recycled water SUPPLY and DEMAND. Recycled water demand far exceeds the supply in the summer months, while supply far exceeds the demand in the winter months. The solution: Treat the recycled water and store the excess underground. The District has constructed and operates five Aquifer Storage and Recovery (ASR) Wells as the means by which to store and recover the excess water, with three of these wells located in Fountain Park. Currently, the wells store up to 300 million gallons of highly treated recycled water in the winter for irrigation use in the summer at local parks and golf courses.

To effectively manage these valuable resources, in 2019, the District constructed above-ground control room buildings for two of its ASR wells (to replace aging underground vaults), with a portion of each dedicated to serving park visitors as public restrooms.



BEFORE
Underground Vault Control Room



AFTER
Above Ground Control Room

About the District

The Fountain Hills Sanitary District is responsible for safely collecting and treating wastewater and recycles every drop for irrigation in local parks and golf courses. The District manages three Aquifer Storage & Recovery (ASR) wells at Fountain Park, in which reclaimed water is stored underground in the aquifer when supplies are high (during winter) and recovered during times of higher demand (during summer). The wells have been successfully operating for 23 years, which may be the longest of any ASR well operating in Arizona. The longevity of the wells is attributed to first filtering the water by an ultrafiltration membrane system, removing all particulate matter, prior to injecting below ground for storage.

