

SECONDARY WATER



WHY WE NEED A SECONDARY WATER SYSTEM

Living in a desert means water will always be a scarce resource, but as a city we can and should reduce our dependence on costly culinary water. Expanding our secondary water resources not only conserves limited culinary sources, it ultimately saves money for both the city and residents over time.

By starting our secondary system as a young city, we take advantage of construction savings before development occurs, pay off our system quicker and tap into less expensive water for outdoor needs while bringing residents increased savings as we move forward.

ANNUAL INCREASES IN CULINARY WATER COSTS

Jordan Valley Water Conservancy District is our primary culinary water supplier and has notified the city to continue to expect annual increases in water costs, with a 5% residential increase scheduled to take effect this October. These guaranteed increases provide an even greater reason to continue to move forward as quickly as is financially possible with citywide secondary water.

COST SAVINGS FOR ALL RESIDENTS

Residents with access to secondary water will see a savings in their outdoor water usage costs. However, residents who do have access to secondary water, but choose not to connect, will be subject to higher rates than those residents without secondary access.

- In summer months, the savings for those with secondary water access will be approximately 5% for an average user in comparison with current rates, with a net annual savings anticipated to be about 2.3%.
- All secondary connection costs will be waived, at a savings of \$500 to residents.

Every household benefits with each secondary water connection because the city can gradually decrease the amount of culinary water purchased from Jordan Valley Water Conservancy District for outdoor uses.



SECONDARY WATER PHASING PLAN

According to our current Secondary Water Master Plan, approximately 85% of all households will have access to secondary water when the system is complete. Exclusions include only the highest elevation homes and some smaller lots throughout the city. Our Phase 1 Availability Map is available on our website at www.herriman.org/2nd-water.

COSTS OF A SECONDARY WATER SYSTEM

Not all secondary water systems are created equal, with many unique factors contributing to the overall cost. Neighboring cities' secondary systems, such as Riverton, cannot be compared equally with ours because of the following factors that increase our system costs:

- [Elevation](#)
 - Our beautiful views do come at a cost when it comes to secondary water because they require pumping expenses not required at lower elevations.
- [Construction Time and Costs](#)
 - Costs always increase over time, so those systems built 15 years ago have the benefit of decreased construction costs.
- [Available Water Sources](#)
 - The availability and proximity of alternate water sources, such as canals, is a huge cost savings for Riverton that has four canals running through their city to use for their secondary system.
- [Grant Money Possibilities](#)
 - Federal grant money is no longer as readily available as it was 15 years ago to help offset city costs.

HOW METERING SECONDARY WATER SAVES MONEY

Statistical data, as well as discussions with surrounding cities, shows that unlimited usage of secondary water encourages overwatering and requires cities to build larger systems. By metering our usage, we were able to build a slightly smaller system that still meets our needs, but saves construction costs. These savings are then passed on to our residents.

ADDITIONAL INFORMATION

See www.herriman.org/2nd-water for additional materials including rate charts, phase 1 map and a savings graph.