



# WATER RELIABILITY TODAY & TOMORROW

Drinking Water   Wastewater   Reclaimed Water   Stormwater

## Facility Infrastructure Getting Tanked Up this Summer

### New Tanks Enhance Efficiency and Quality

Post Date: 8/31/2021

Summer is a good time for Flagstaff road repair, but it's also an optimum time for repairs and upgrades at the water facilities. Both Water Production and Water Reclamation facilities have a focus on tanks this year:

**Continental Well** is getting a 20,000-gallon storage tank and booster pump, bringing this well up to the same configuration as the other wells in Flagstaff's water system. The storage tank will allow air in the groundwater to escape and an on-site chlorine generator provides consistent and safe chlorine delivery. The new booster pump system will ensure that the well can respond to current demands. Adding the storage tank simplifies and reduces maintenance while eliminating water loss when the well is running. Operations are monitored remotely, through the master SCADA system.



Continental Well tank waiting for piping and paint



Left: Painting Clarifier and sweep assembly  
Right: Drives removed for refurbishment

**Rio de Flag Water Reclamation Plant** just completed refurbishing the first of two sets of primary and secondary clarifiers, which settle out the solids from wastewater. Crews sandblasted and painted the metal structures inside the clarifiers, inspected and rehabilitated all drives, motors, and gearboxes. This was original equipment from 1993; the just-in-time repairs revealed the drives were starting to fail. Follow this project's [story map](#) on our CIP page.

Refurbishing tanks, motors and drives support the standard to maximize efficiency in operations and keep the water flowing, from raw water to reclaimed systems, around the city.

