

Water Resources Quick Facts

Department size: 287 employees

Fiscal year 18/19 budget: \$77 million

What we do:

We provide safe, reliable and environmentally responsible water and wastewater services. The Water Resources Department is an enterprise for the City of Mesa that generates revenue through rates and fees. These revenues help pay for essential City-wide services and infrastructure.

Drinking water quick facts:

- Mesa has a 100-year assured water supply designation from the Arizona Department of Water Resources.
- We provide water to over a half-million people every day.
- The average Mesa household uses about 190 gallons per day.
- The annual water quality Consumer Confidence Report is online at www.mesaaz.gov/ccr.
- Mesa's water meets over 100 state and federal drinking water standards including the Environmental Protection Agency's action levels for lead.
- Lead pipes are not used in Mesa's water distribution system.
- Up to 186 million gallons per day is treated at the Val Vista, Brown Road and Signal Butte Water Treatment Plants using conventional treatment, filtration, fluoridation and chlorine disinfection. The Signal Butte plant also uses the latest in water treatment technology, including ozone disinfection.
- About 81 percent of the water used by Mesa residents comes from surface water sources: the Salt River Project (Salt and Verde Rivers) and the Central Arizona Project (Colorado River).
- About 19 percent of Mesa's water comes from 31 deep aquifer wells that can provide 83 million gallons of water per day.
- Mesa invests millions of dollars each year in its Pipe Inspection and Replacement Program where 2,450 miles of pipe are monitored and replaced on a risk-based prioritization.
- The new \$126 million Signal Butte Water Treatment Plant in southeast Mesa is one of the largest capital investments in Mesa's history.

Wastewater quick facts:

- Mesa collects sewage through approximately 1,750 miles of sewer mains.
- More than 30,000 manholes provide access to the sewer system.
- Over 27 million gallons per day of wastewater is treated at the Northwest, Southeast and Greenfield Water Reclamation Plants.
- Wastewater is treated and reused for recharging the aquifer for future water supply; delivered for use on farm lands in exchange for potable water; and delivered as cooling water at the Palo Verde Nuclear facility.
- The Greenfield Water Reclamation Plant expansion will increase Mesa's capacity of the existing plant by 10 million gallons per day.



www.mesaaz.gov/water
480-644-4364