

Water Resources

Quick Facts

Department size: 265 employees

Fiscal year 16/17 budget: \$67 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 more than 460,000 people every day.
- The average Mesa household uses about 300 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 162 million gallons per day is treated at the Val Vista and Brown Road Water Treatment Plants using conventional treatment, filtration, fluoridation and chlorine disinfection.
- About 86 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 14 percent of Mesa's water comes from more than 30 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 2,370 miles of pipe are monitored and replaced on a risk-based prioritization.
- The new \$125 million Signal Butte Water Treatment Plant in southeast Mesa will increase Mesa's water capacity by 24 million gallons per day.

Wastewater quick facts:

- Mesa collects sewage through approximately 1,800 miles of sewer mains.
- More than 30,000 manholes provide access to the sewer system.
- Over 9 billion gallons of wastewater is treated every year at three water reclamation plants: Northwest, Southeast and Greenfield.
- Wastewater is treated and reused for industrial processing; landscaping, crop, golf course and park irrigation.
- 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