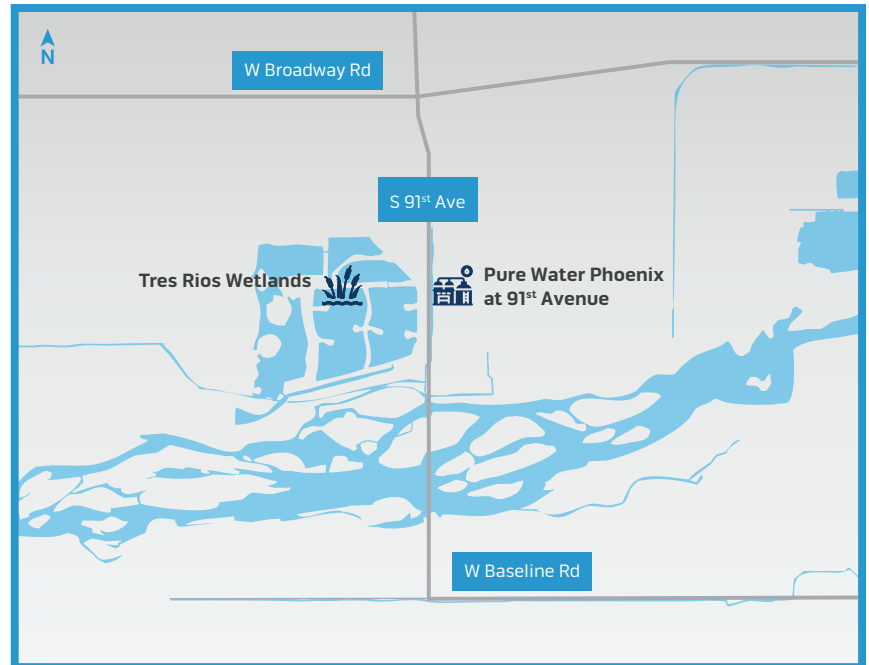




PURE WATER PHOENIX

Pure Water Phoenix at 91st Avenue

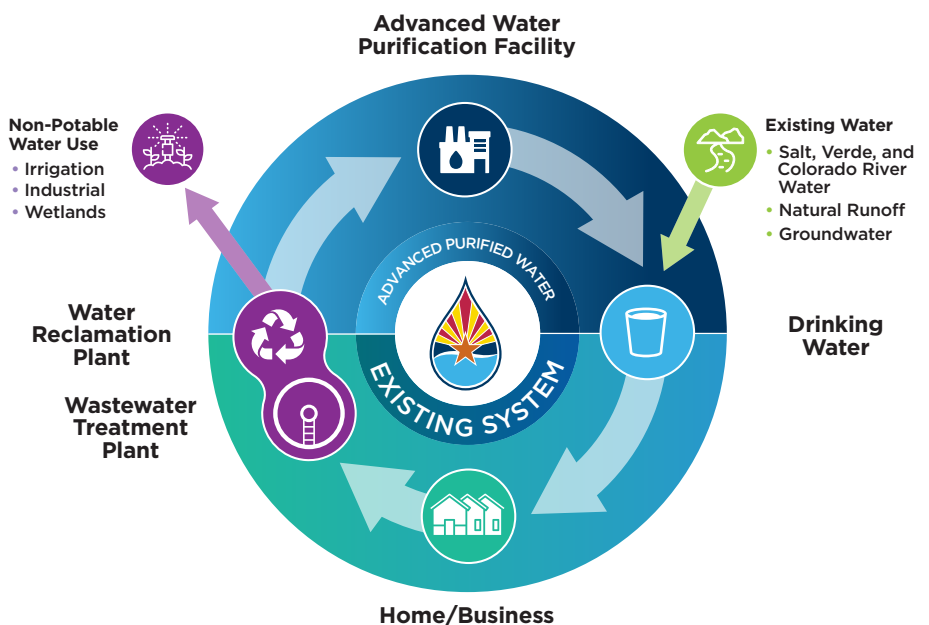
Located in southwestern Phoenix, Pure Water Phoenix at 91st Avenue will provide a new water supply for Valley residents. The project will ultimately produce up to 64 million gallons of water per day for distribution between Valley partners, providing regional drought resiliency and alleviating stress on freshwater sources and natural ecosystems. The facility is one of three water purification projects envisioned within the City of Phoenix.



Did You Know? Phoenix currently recycles 97% of the 70 billion gallons of wastewater generated annually, delivering it for use in agriculture, energy production, urban irrigation, aquifer recharge, and riparian wetland maintenance.

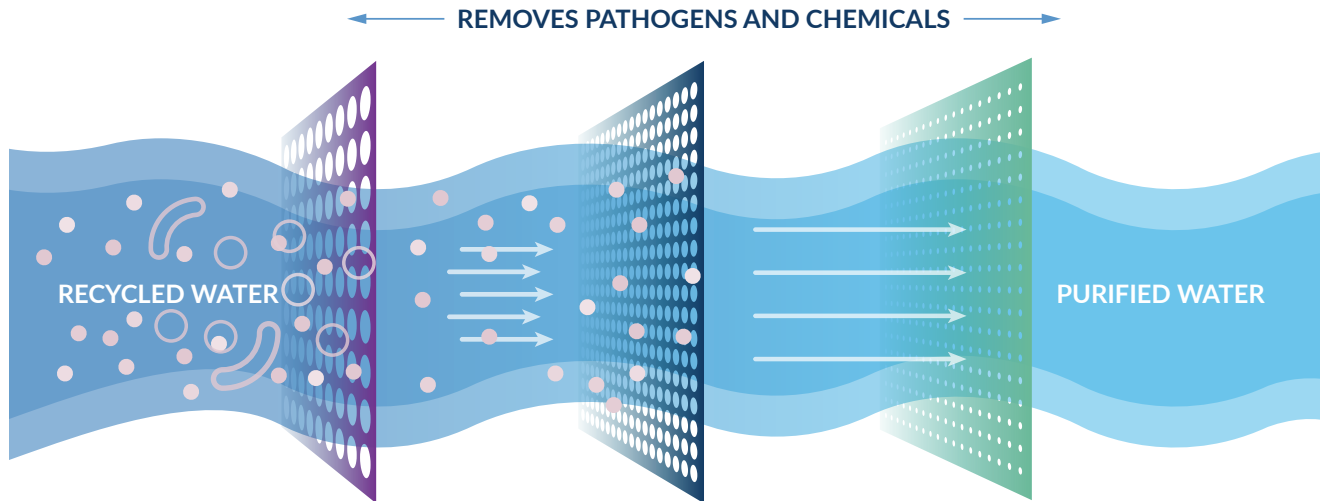
Project Components

The project will use advanced water purification processes, which may include: ozone, biologically activated carbon, ultrafiltration, reverse osmosis, and ultraviolet advanced oxidation. There will be infrastructure to convey water to the facility, so it can be purified, and out of the facility, so it can be distributed to water users. We anticipate brine management will be through a partnership with Arizona Public Service (APS).



What is Advanced Water Purification?

Advanced water purification includes a combination of proven technologies that safely and efficiently purifies recycled wastewater into drinking water. The water produced is so clean it meets or exceeds federal and state drinking water requirements.



Processes such as Reverse Osmosis and Ultraviolet Advanced Oxidation will be added to the water recycling processes to destroy pathogens, remove chemicals, and disinfect the water to bring it to drinking water standards.






A Critical Component for Phoenix's Water Future

The project is a critical component of the City's program called Pure Water Phoenix. This program represents the City's plans to bring additional advanced water purification facilities online while providing education about the proven technology and the benefits it can provide to residents and businesses in the Desert Southwest.

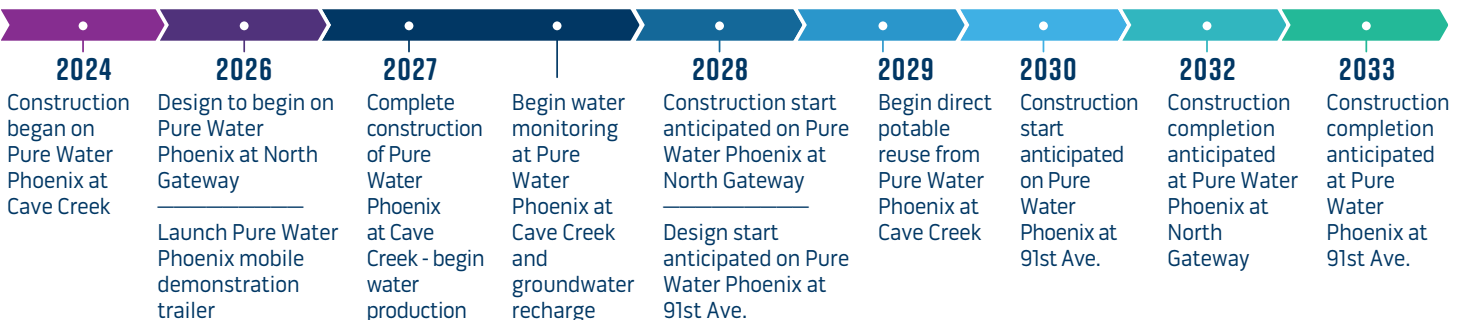


**PURE
WATER
PHOENIX**

Project Benefits

-  Creates a new and renewable source of safe drinking water
-  Reduces Phoenix's reliance on imported surface water
-  Meets or exceeds purity standards
-  Preserves and recharges groundwater
-  Sustains quality of life and economic vitality

PHOENIX ADVANCED WATER PURIFICATION FACILITIES TIMELINE



**CITY OF PHOENIX
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QUALITY. RELIABILITY. VALUE.



phoenix.gov/purewater    /PHXWATER

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