

El Paso Water Utilities

ADVANCED WATER PURIFICATION FACILITY

Service Type: Water Reuse/Resources

Project Highlights:

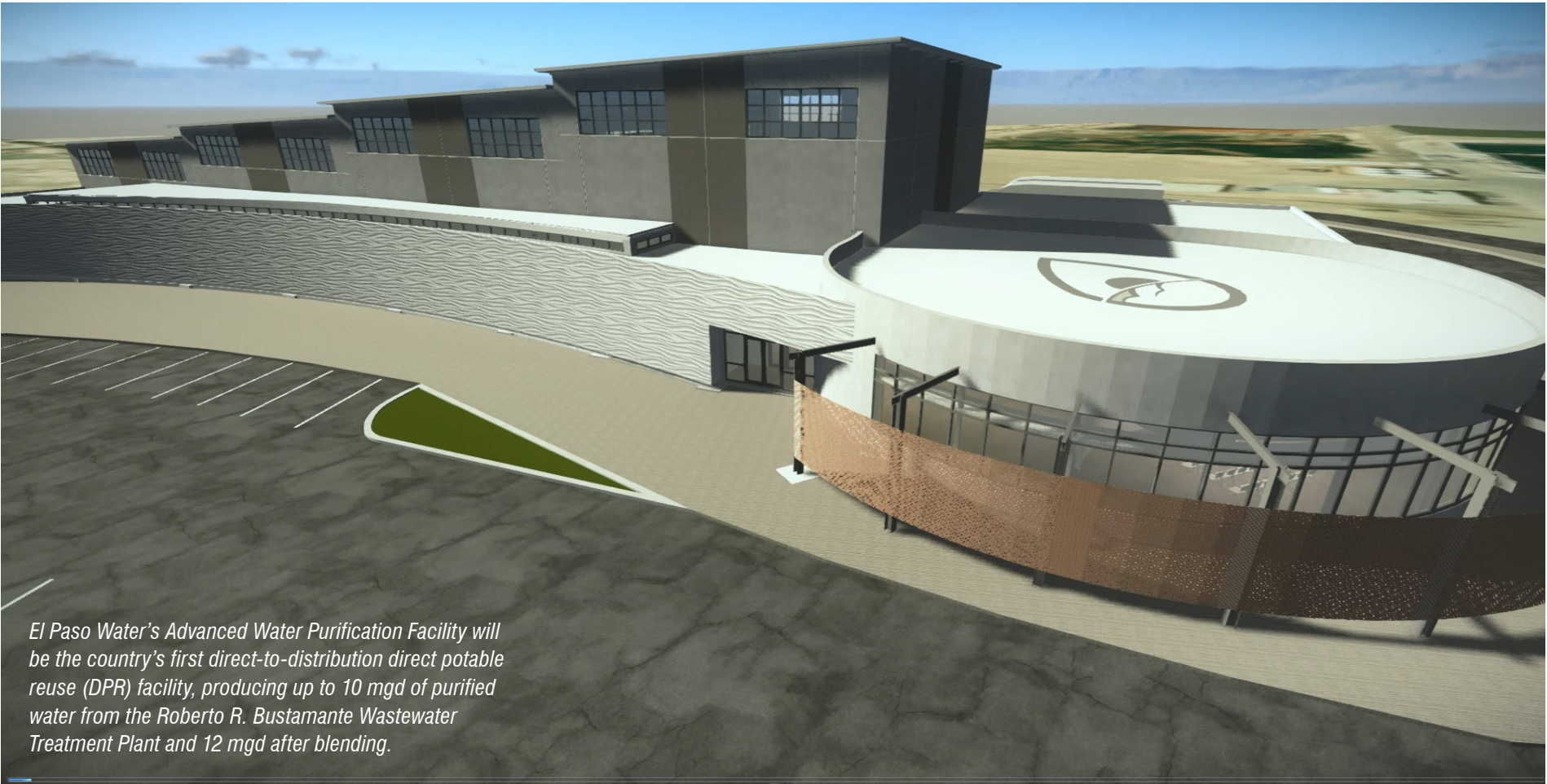
- First direct-to-distribution reuse facility in the U.S.
- Will supply 10 mgd at buildout and up to 12 mgd with blending

Carollo is currently designing the first direct-to-distribution direct potable reuse (DPR) facility in the U.S., the Advanced Water Purification Facility in El Paso, Texas. The AWPf will provide a new, drought-proof, and completely renewable source of drinking water for this Chihuahuan Desert community by producing up to 12 mgd of blended drinking water at buildout.

In 2017, El Paso Water selected Carollo to guide this project through major permitting and predesign milestones, and ultimately through final design and commissioning.

Carollo’s work so far has included:

- Technical Evaluation Phase
- Preliminary Engineering Report
- Ongoing TCEQ coordination
- 30% design package
- Performing source water characterization on effluent from El Paso Water’s Roberto R. Bustamante Wastewater Treatment Plant

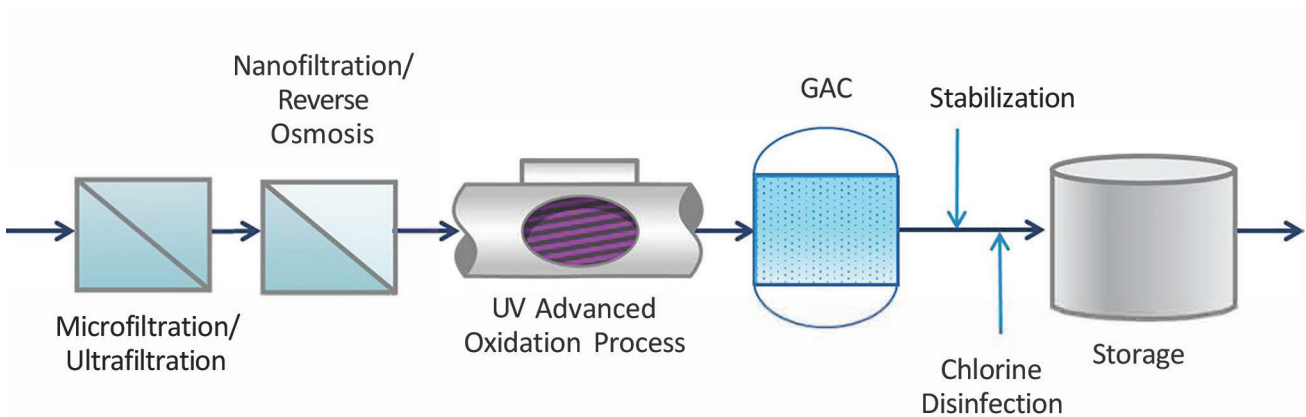


El Paso Water’s Advanced Water Purification Facility will be the country’s first direct-to-distribution direct potable reuse (DPR) facility, producing up to 10 mgd of purified water from the Roberto R. Bustamante Wastewater Treatment Plant and 12 mgd after blending.

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Bustamante WWTP Secondary Effluent (10 mgd)



To Distribution System