



*Leading the Future of*  
**Water and Wastewater Treatment Solutions**



**AUC GROUP**

*A Seven Seas Water company*



## About Us

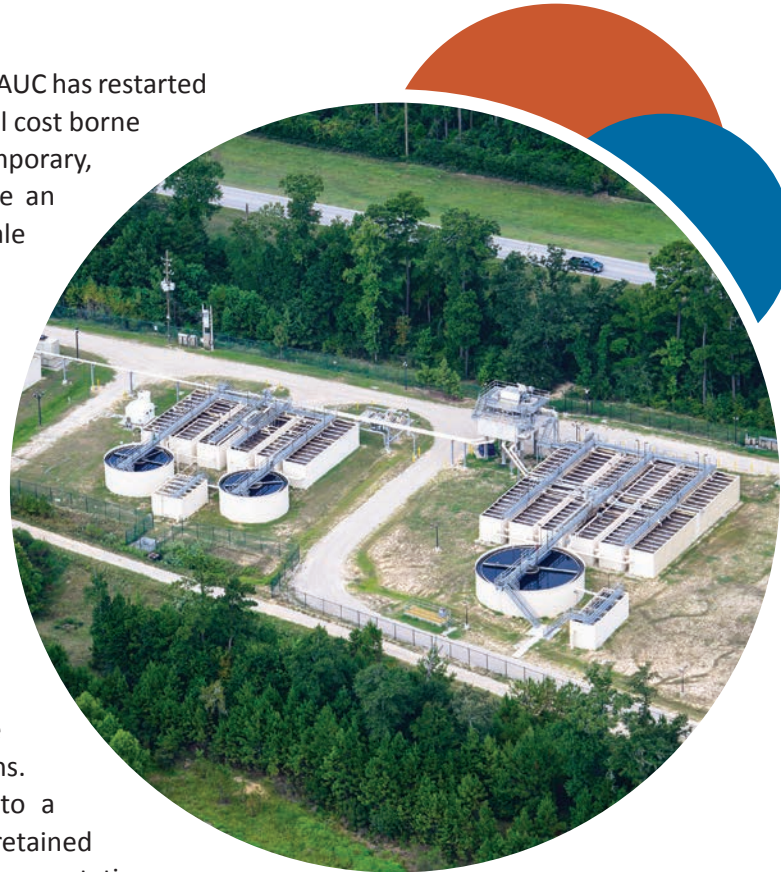
Since 1970, AUC Group has offered unprecedented flexibility in the solutions we provide for treating water and wastewater, leaving burdensome and slow-moving traditional delivery of infrastructure in the past. This means flexibility to match timelines, flexibility in financing, flexibility of equipment, and flexibility to build plants even where no infrastructure yet exists.

We thrive when meeting challenges: when development has been delayed due to lack of capacity, when developers plan to build on land with no infrastructure, when facilities need to be completely replaced.

Over the course of executing more than 1,500 projects, AUC has restarted stalled projects, optimized capital, and slashed the total cost borne by our clients. Customized AUC plants can be temporary, interim, or permanent, with lease plants that include an option to purchase and phased installations that scale capacity to match any growth scenario.

In large part, it's our proven plant designs that have allowed this superior degree of control over scaling. Developers no longer need to commit to building a traditional plant that can't be cost-effectively revised after the concrete sets.

In 2018, AUC became part of Seven Seas Water Group, the international water company that pioneered the Water-as-a-Service® approach. WaaS® delivers water services at a guaranteed price and quality through long-term agreements that keep water in the hands of professionals while leaving clients free to focus on their core missions. As a part of Seven Seas, AUC has gained access to a vast supplier network. At the same time, we have retained the company culture and values with which we built our reputation.



## Modular Plant Design

AUC Group is dedicated to providing the most cost efficient options for wastewater treatment. Prior to our innovative solutions, clients frequently installed traditional plants designed to serve a completed community. AUC offers a modular plant design that is properly scaled to meet clients' needs as they evolve. Once in place, these systems are readily expandable as development continues and wastewater flows increase. AUC will install, lease and expand facilities designed specifically to meet your wastewater treatment plant needs.

## Lease Plant Program

The AUC lease plant program allows clients to retain capital and avoid prematurely committing to an oversized facility. AUC offers a variety of short and long term lease arrangements as well as the option to purchase. AUC Group is committed to supplying quality systems and the financial options to make them affordable and flexible for a wide range of client demands.

Our leasing options allow our clients to choose a plan that is right for them, including:

- Short term lease
- Long term lease
- Lease with purchase option

## Lease Everything Inside the Fence

AUC leases are comprehensive. Everything inside the fence can be leased, including:

- Tanks
- Lift stations
- Chemical feeds for disinfection
- Wells
- Utilities
- Foundations
- Electrical
- Access roads
- Fencing

*With convenient lease programs and decentralized plants, AUC brings safe, clean water where it's needed.*







## Drinking Water Treatment Plants

Our drinking water treatment solutions are decentralized, meaning they can work independently of centralized treatment facilities. Because this cuts down on the need for long pipelines and pumping stations, we can build plants anywhere, including in rural areas or remote locations.

AUC's drinking water treatment plants can consist of treatment for well water, surface water, brackish water, or seawater using appropriate technologies to deliver a supply of clean, safe drinking water. These technologies include:

- Multimedia filtration
- Ultrafiltration
- Reverse osmosis

## Streamlined Projects

AUC Group takes care of the design, manufacture, and installation of our plants, offering clients several leasing options. Our in-house project management offers several benefits:

**Efficient engineering and flexible designs:** We design scalable water treatment plants that address each client's specific water challenges. AUC's modular plants are designed to meet our client's immediate needs, with the possibility of expansion planned into the initial design. This allows our clients to start with a small plant, keeping initial costs low, while offering the flexibility to easily and cost-effectively expand the system to meet growing demand.

**Shorter lead times:** AUC's engineers bring a broad range of expertise to the table. This results in quick submittal turnaround and better site coordination, and reduces completion lead times from the usual 12-18 months to just 9-12 months. All of our drinking water treatment plants are certified and approved by the Texas Commission on Environmental Quality (TCEQ) before going on line.

**Improved cash flow:** With AUC's flexible Lease Plant Program, clients can gain access to the water infrastructure they need without large capital outlays upfront. Should their needs grow, additional capacity can be added and financed through a lease agreement. This model allows clients to finance the plant they currently need without impeding cash flow, and is flexible enough to accommodate future expansion.

## Wastewater Treatment Systems

AUC plants include modular plants with capacities of 10,000 to 1,000,000 GPD, and concentric circle plants with capacities of 100,000 to 2,000,000 GPD.

## Packaged Wastewater Treatment Systems

AUC's packaged wastewater treatment systems are well suited for decentralized wastewater treatment in remote areas. The modular and scalable design of packaged plants allows clients to start off small and add additional capacity as needed. The plants can also be moved to an alternative location at a later stage or removed completely if no longer needed.

All of our packaged wastewater treatment plants are designed for permanence; however, they can also be disassembled and removed or relocated if the needs of the development change. AUC packaged plants:

- Can be customized according to any specifications.
- Can be easily scaled up should capacity needs increase.
- Are easy to operate and maintain.
- Are fitted with hot dipped galvanized handrails, walkways, air headers and drop pipes for a lifespan of 20-plus years.
- Are treated with a high-build epoxy coating system that can provide 12 to 15 years of corrosion protection.





## Trusted Wastewater Treatment Technologies

Our design philosophy is to keep the plant as simple to own and operate as possible. With that in mind, plants also have to reliably meet effluent criteria as outlined by local environmental authorities.

For the majority of our installations, we start with a conventional activated sludge plant. This is a robust design that can handle normal variations in flow and loadings due to the higher rate loadings.

AUC Group also has plants that incorporate:

- Biological nutrient removal (BNR).
- Membrane bioreactors (MBR).
- Sequencing batch reactors (SBR).
- Moving bed biofilm reactor (MBBR).
- Integrated fixed film activated sludge (IFAS).
- Chemical phosphorous removal.
- Tertiary treatment.

These technologies are ideal for more stringent nutrient removal or for sites with footprint constraints. From there, reuse options and drip irrigation discharge can be added.

## Add-Ons for Wastewater Treatment Systems

AUC also offers options to supplement standard plants, including:

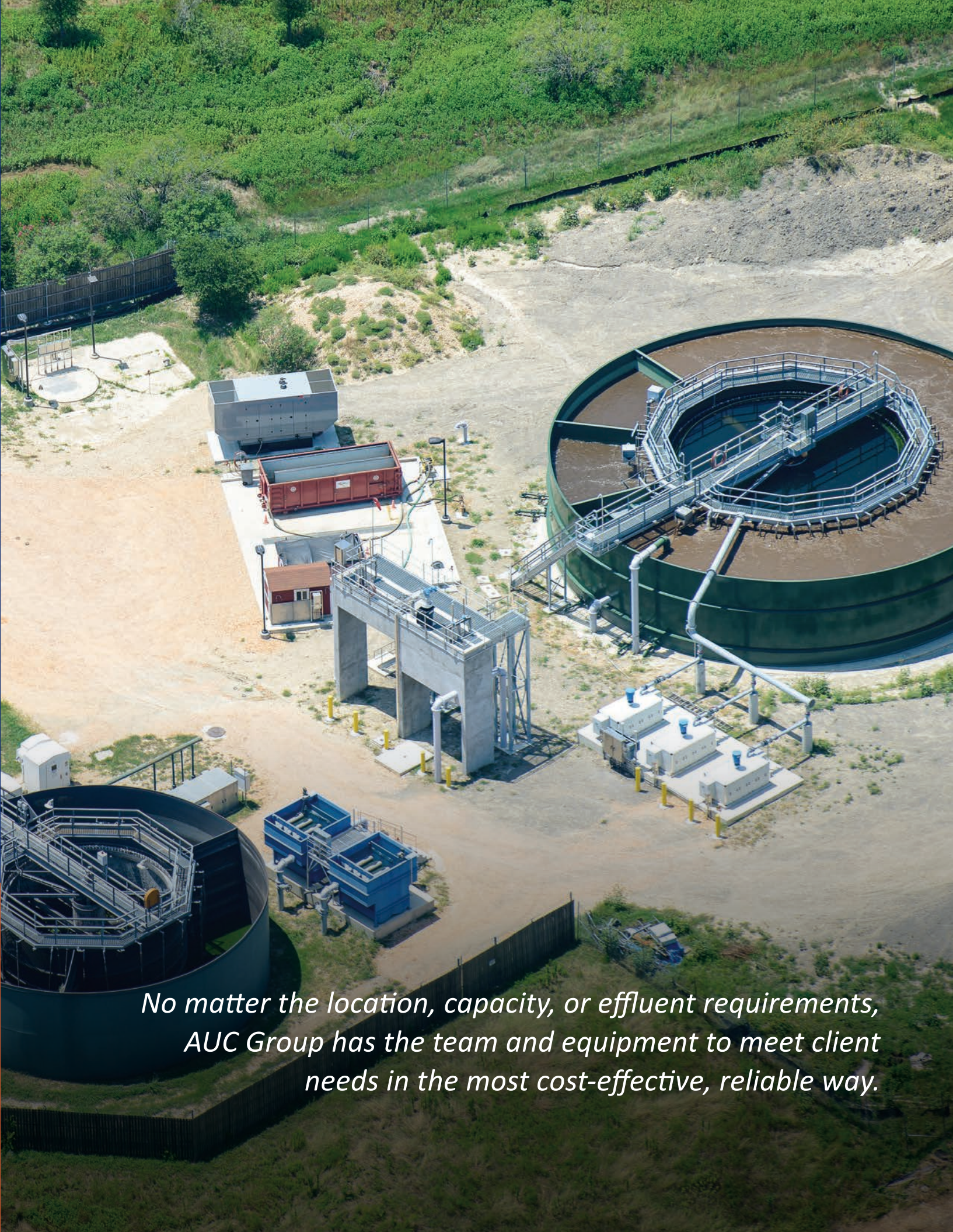
- Fine screens
- Grit removal systems
- Coarse and fine bubble diffusers
- Equalization and reuse tanks
- UV disinfection
- Disc filters
- Coagulant chemical feed systems
- SCADA systems
- Remote monitoring options
- Blower sound enclosures
- Odor control.

## Temporary Bypass Wastewater Treatment Plants

When you have a temporary problem that doesn't need a permanent solution, AUC maintains a fleet of modular equipment that quickly deploys to fill in for existing plants while they are down for repairs or upgrades. AUC temporary bypass plants roll in quickly and comply with permitted effluent parameters throughout flexible lease terms with no break in service. When they are no longer needed, they're taken away, leaving more capital on the table. AUC specializes in no-nonsense, turnkey delivery of temporary bypass plants with capacities up to 1,000,000 GPD.

Benefits of a temporary bypass plant include:

- Continuity of wastewater treatment service
- Rental fee based on project timeline
- Rapid deployment and demobilization
- Meeting permitted effluent guidelines.



*No matter the location, capacity, or effluent requirements, AUC Group has the team and equipment to meet client needs in the most cost-effective, reliable way.*





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