

# Haloacetic acids (HAA5s) Removal Systems

Because of the health risks associated with long-term consumption of disinfection by-products (DBP), the U.S. Environmental Protection Agency (EPA) has established rules limiting DBP levels in drinking water. USG Water's turnkey HAA5 removal system is a significantly faster and cheaper way to reduce DBP levels, especially when compared to the alternative: making changes to the upstream processes in the treatment plant.

## The challenge



### Compliance

EPA's Stage 1 and Stage 2 rules establish maximum allowable levels of DBPs in drinking water.



### Cost

Alternatives to DBP removal—eliminating organics from upstream processing—can be costly.



### Water quality

Long-term consumption of DBPs may increase health risks, according to EPA.

**USG Water Solutions offer custom solutions to help you comply with EPA's Stage 1 and 2 DBP rules.**

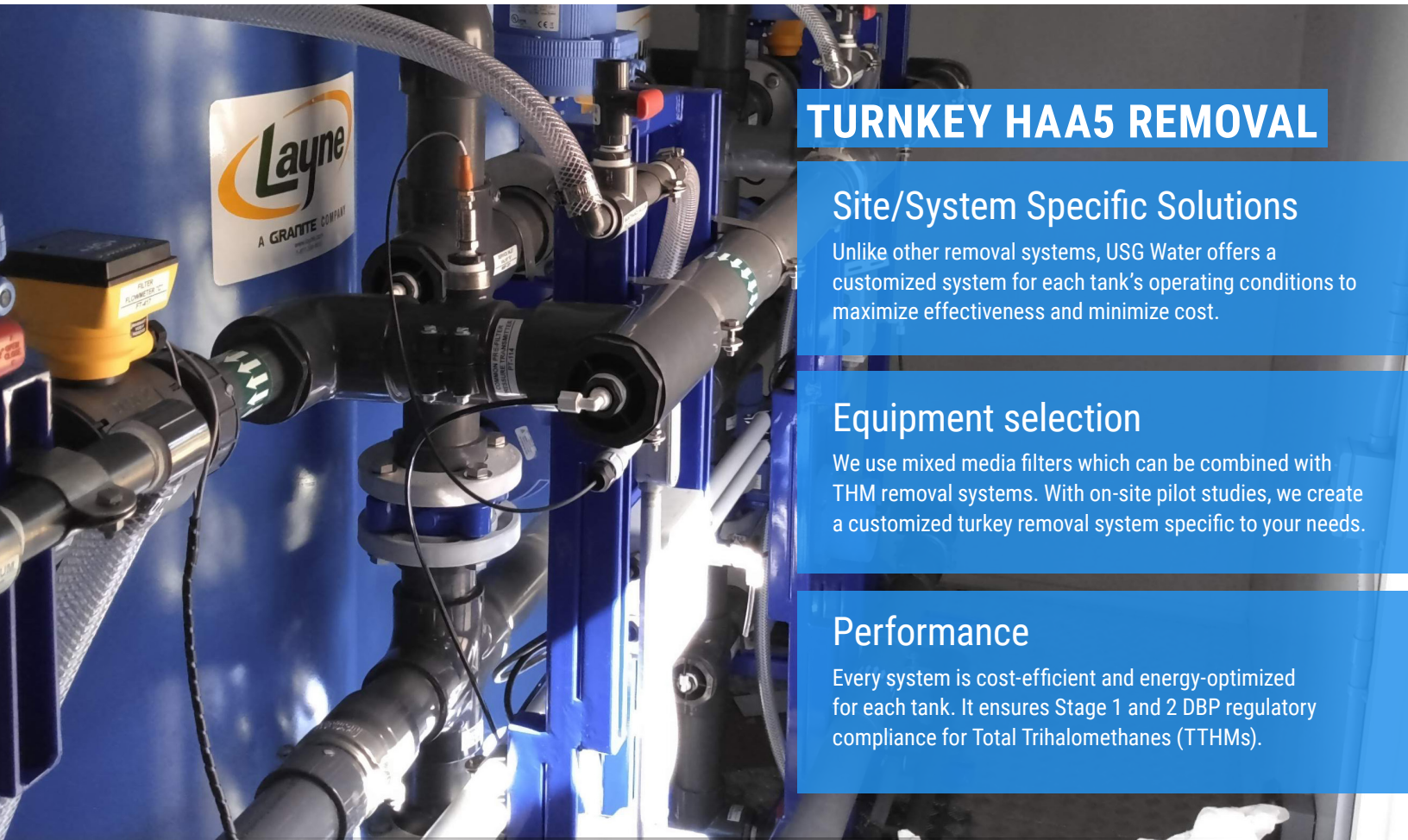
Learn more on the back.

## A one-stop shop for HAA5 removal

USG Water Solutions offers a complete, turnkey solution, including design, engineering, equipment selection and installation by trusted tank specialists.

## The benefits

- ✓ **Cost-effective**
- ✓ **Energy-efficient**
- ✓ **Proven Performance**



### TURNKEY HAA5 REMOVAL

#### Site/System Specific Solutions

Unlike other removal systems, USG Water offers a customized system for each tank's operating conditions to maximize effectiveness and minimize cost.

#### Equipment selection

We use mixed media filters which can be combined with THM removal systems. With on-site pilot studies, we create a customized turkey removal system specific to your needs.

#### Performance

Every system is cost-efficient and energy-optimized for each tank. It ensures Stage 1 and 2 DBP regulatory compliance for Total Trihalomethanes (TTHMs).

The ultimate solution:

## USG Water Solutions Asset Management

At USG Water Solutions, we believe you shouldn't have to choose between a capital expense that is beyond budget and an unpredictable run-to-failure approach. Our Asset Management Program (AMP™) packages the rehabilitation and future maintenance of your assets into a single contract, with USG Water Solutions assuming all operational and maintenance risk for a set annual cost.

Expert help with DBP compliance.

Call (855) 526-4413 or visit

[www.usgwater.com](http://www.usgwater.com)

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