

## CUTTING THE CHAIN: INNOVATION TO DESTROY PFAS IN WASTEWATER

A novel approach of a separation-destruction hybrid technology to address PFAS pollution by coupling foam fractionation (FF) and hydrothermal alkaline treatment (HALT) to achieve PFAS separation and subsequent mineralization in municipal wastewater.

### WHAT WE ARE DOING

- Pilot scale process demonstration in municipal wastewater at the Tacoma Central Wastewater Treatment Plant
- Supported by bench scale feasibility studies and rigorous research experiments
- End-of-project workshop to disseminate findings



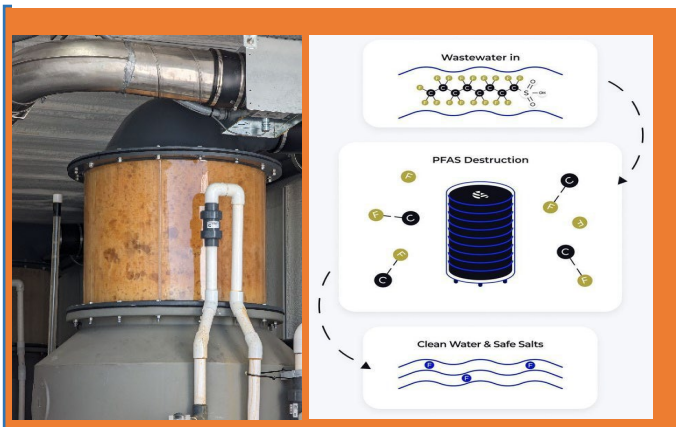
**HALT Technology at Pilot Scale**

### WHAT YOU CAN DO

For more information, get in touch with us or attend our end-of-project workshop in August 2025.

### ABOUT

This research project is led by the University of Washington Tacoma (UW-T) in collaboration with Aquagga, Inc. (HALT technology lead), ECT2 (FF technology lead), and the City of Tacoma Environmental Services Laboratory. The UW-T is committed to performing cutting edge research that benefits the greater community and Aquagga is pursuing a mission to end PFAS contamination.



**Foam Fractionation and HALT Process**

### WHY THIS IS IMPORTANT

PFAS are persistent and harmful chemicals found in wastewater that remain a threat to humans and wildlife. The coupled FF-HALT treatment technology has the potential to reduce PFAS pollution to the environment with reasonable economics.

### FOR MORE INFORMATION

<https://www.pugetsoundinstitute.org/cutting-the-chain-innovation-to-destroy-pfas-in-wastewater/>; [aquagga.com](http://aquagga.com)



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