



# BIOLOGICAL TREATMENT

## Why Brentwood?

At Brentwood, it's our job to make sure that you get maximum treatment performance out of the biological treatment systems we supply. We emphasize customer service and support by partnering with you to extend the process beyond physical equipment supply and by utilizing a custom approach to carefully assess each project. With a comprehensive knowledge of the wastewater treatment process and an in-depth understanding of diverse applications, Brentwood's process engineers are capable of evaluating your plant's current process, permit requirements, and site-specific goals to provide optimal treatment at the lowest capital and operational costs.

## AccuFAS Submerged Fixed Film



The submerged fixed-film or fixed-bed bioreactor (FBBR) system increases treatment capacity and efficiency by adding to the biomass inventory of the system as bacteria grow on the surface of the media. The unique design of Brentwood's AccuFAS system combines aeration, proprietary distribution media, and vertical flow media to create an airlift pumping mechanism that not only provides sufficient substrate and oxygen to the bacteria in the biofilm, but also maintains thin film thicknesses.

## Trickling Filter



Trickling filters offer a simple, cost-effective, energy-efficient treatment solution. With more than 500 trickling filter installations worldwide, Brentwood's media and components have been optimized to guarantee the best performance for any application. By maximizing surface area in a given volume while maintaining the structural integrity required for deep towers, Brentwood's structured-sheet media provides an ideal environment for microorganism growth.



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